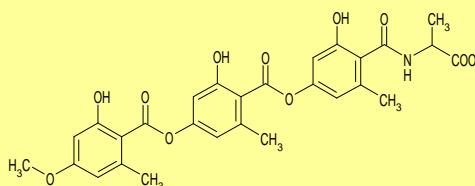


**Amidepsin A** **KIX-BLK0040**

1mg ¥42,000  
 MF/MW: C<sub>29</sub>H<sub>29</sub>NO<sub>11</sub>=567.55 CAS Number: 169181-28-6  
 Purity: >95% by HPLC Melting Point: 220-221  
 Solubility: Soluble in MeOH, Benzene, EtOAc Insoluble in water, Hexane  
 Activity: DGAT inhibitors.

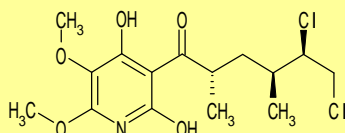
*Manufactured with Cortesy strain from The Kitasato Institute.*



**Amidepsin D** **KIX-BLK0060**

1mg ¥42,000  
 MF/MW: C<sub>26</sub>H<sub>24</sub>O<sub>10</sub>=496.48 CAS Number: 79786-34-8  
 Purity: >95% by HPLC Melting Point: 168-169  
 Solubility: Soluble in MeOH(1mg/ml) Insoluble in water, Hexane  
 Activity: DGAT inhibitors.

*Manufactured with Cortesy strain from The Kitasato Institute.*

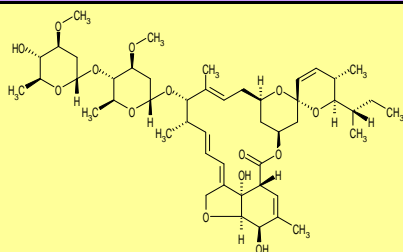


**Atpenin A5** **KIX-BLS0001**

1mg ¥42,000  
 MF/MW: C<sub>15</sub>H<sub>21</sub>NO<sub>5</sub>Cl<sub>2</sub>=366.24 CAS Number: 119509-24-9  
 Purity: >95% by HPLC Melting Point: 86  
 Solubility: Soluble in DMSO, MeOH, EtOH, CHCl<sub>3</sub> Insoluble in water.

Activity: most potent complex II (succinate:ubiquinone oxidoreductase) inhibitor

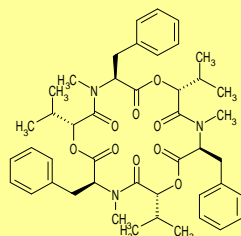
*Manufactured with Cortesy strain from The Kitasato Institute.*



**Avermectin B1a** **KIX-BLS0020**

1mg ¥42,000  
 MF/MW: C<sub>48</sub>H<sub>72</sub>O<sub>14</sub>=873.08 CAS Number: 65195-55-3  
 Purity: >95% by HPLC Melting Point: 153-155  
 Solubility: Soluble in CHCl<sub>3</sub>, Acetone, MeOH Insoluble in water  
 Activity: very strong anthelmintic activity

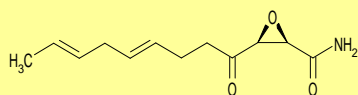
*Manufactured with Cortesy strain from The Kitasato Institute.*



**Beauvericin** **KIX-BLK0110**

5mg ¥12,000  
 MF/MW: C<sub>45</sub>H<sub>57</sub>N<sub>3</sub>O<sub>9</sub>=223.27 CAS Number: 26048-05-5  
 Purity: >95% by HPLC Melting Point:  
 Solubility: Sol. in Hexane, EtOH, Acetone, Benzene, Slightly sol. in water  
 Activity: ion-complexing capability allows beauvericin to transport alkaline earth metal and alkali metal ions across cell membranes.

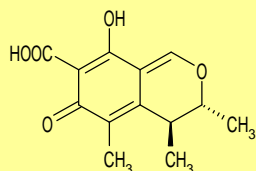
*Manufactured with Cortesy strain from The Kitasato Institute.*



**Cerulenin** **KIX-BLK0020**

5mg ¥12,000  
 MF/MW: C<sub>12</sub>H<sub>17</sub>NO<sub>3</sub>=223.27 CAS Number: 17397-89-6  
 Purity: >95% by HPLC Melting Point: 93  
 Solubility: Soluble in EtOH, Acetone, Benzene, Slightly sol. in water  
 Practically insoluble in Petroleum eEther  
 Activity: 1) Inhibition of Fatty Acid synthase 2) inhibition of polyketide synthesis 3) Antimicrobial activity

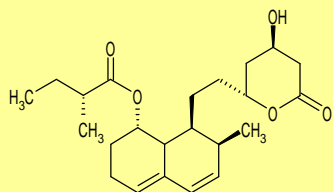
*Manufactured with Cortesy strain from The Kitasato Institute.*


**Citrinin** **KIX-BLK0100**

5mg    ¥12,000

MF/MW: C<sub>13</sub>H<sub>14</sub>O<sub>5</sub>=250.25      CAS Number: 518-75-2  
 Purity: >95% by HPLC      Melting Point: 110-112  
 Solubility: Soluble in MeOH, Dioxane, Pyridine, Dichloromethane  
 Insoluble in water, Benzene, Hexane, CHCl<sub>3</sub>  
 Activity: Phytotoxic agent

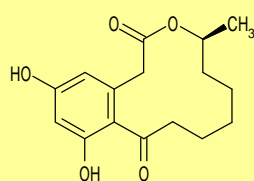
*Manufactured with Cortesy strain from The Kitasato Institute.*


**Compactin** **KIX-BLK0120**

5mg    ¥12,000

MF/MW: C<sub>23</sub>H<sub>34</sub>O<sub>5</sub>=390.52      CAS Number: 73573-88-3  
 Purity: >95% by HPLC      Melting Point: 151-152  
 Solubility: Soluble In MeOH, EtOAc, Acetone    Insoluble In water,  
 Activity: Potent inhibitor of cholesterol biosynthesis and HMG-CoA.  
 Anticholesterolaemic agent.

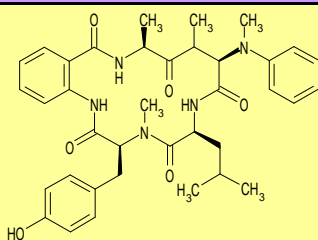
*Manufactured with Cortesy strain from The Kitasato Institute.*


**Curvuralin** **KIX-BLK0090**

1mg    ¥12,000    5mg    ¥42,000

MF/MW: C<sub>16</sub>H<sub>20</sub>O<sub>5</sub>=292.33      CAS Number: 10140-70-2  
 Purity: >95% by HPLC      Melting Point: 206-207  
 Solubility: Soluble in MeOH, Dioxane, Pyridine    Insoluble in water,  
 Benzene, Hexane, CHCl<sub>3</sub>  
 Activity: anti-Influenza activity

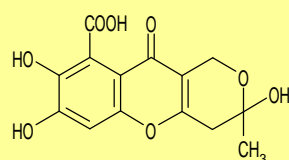
*Manufactured with Cortesy strain from The Kitasato Institute.*


**Cycloaspeptide** **KIX-BLK0070**

1mg    ¥12,000    5mg    ¥42,000

MF/MW: C<sub>36</sub>H<sub>43</sub>N<sub>5</sub>O<sub>6</sub>=641.77      CAS Number: 109171-13-3  
 Purity: >95% by HPLC      Melting Point: 275-277  
 Solubility: Soluble in MeOH, Benzene, CHCl<sub>3</sub>    Insoluble in Water  
 Activity: Anti-malaria activity

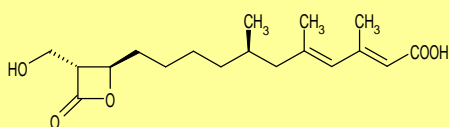
*Manufactured with Cortesy strain from The Kitasato Institute.*


**Furvic Acid** **KIX-BLK0080**

1mg    ¥12,000    5mg    ¥42,000

MF/MW: C<sub>14</sub>H<sub>12</sub>O<sub>8</sub>=308.24      CAS Number: 479-66-3  
 Purity: >95% by HPLC      Melting Point: 247 (dec.)  
 Solubility: Soluble in MeOH, Benzene, CHCl<sub>3</sub>    Insoluble in water  
 Activity: G2-checkpoint inhibitor

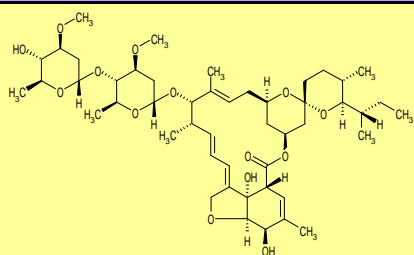
*Manufactured with Cortesy strain from The Kitasato Institute.*


**Hymeglusin** **KIX-BLK0030**

1mg    ¥42,000

MF/MW: C<sub>18</sub>H<sub>28</sub>O<sub>5</sub>=324.42      CAS Number: 29066-42-0  
 Purity: >95% by HPLC      Melting Point: 68-69  
 Solubility: Soluble in MeOH, EtOH, Acetonitrile, EtOAc, CHCl<sub>3</sub>  
 Insoluble in water, Hexane.  
 Activity: Specific inhibitors of mevalonate biosynthesis

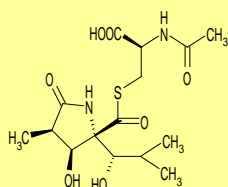
*Manufactured with Cortesy strain from The Kitasato Institute.*


**Ivermectin [2,23-Dihydro-Avermectin B1a]** **KIX-BLS0030**

1mg    ¥42,000

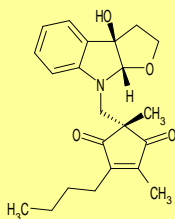
MF/MW: C<sub>48</sub>H<sub>74</sub>O<sub>14</sub>=875.10      CAS Number: 71827-03-9  
 Purity: >95% by HPLC      Melting Point: 149-153  
 Solubility: Soluble in MeOH, benzene    Insoluble in water  
 Activity: very strong anthelmintic activity

*Manufactured with Cortesy strain from The Kitasato Institute.*


**Lactacystin** **KIX-BLK0010**

1mg ¥30,000

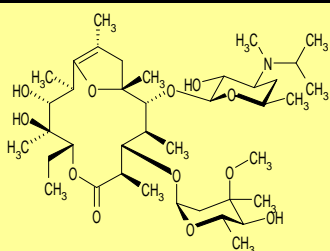
MF/MW: C<sub>15</sub>H<sub>24</sub>N<sub>2</sub>O<sub>7</sub>S=376.13      CAS Number: 133343-34-7  
 Purity: >95% by HPLC      Melting Point: 236-238 (dec.)  
 Solubility: Soluble in DMSO, MeOH, Pyridine, water. Insoluble in Benzene, CHCl<sub>3</sub>, EtOAc  
 Activity: 1) Lactacystin inhibits cell cycle progression and induces neurite outgrowth in Neuro 2a cells. 2) Inhibits proteasome activity.  
*Manufactured with Cortesy strain from The Kitasato Institute.*


**(+)-Madindoline A, synthetic** **KIX-BLS0010**

1mg ¥30,000

MF/MW: C<sub>22</sub>H<sub>27</sub>NO<sub>4</sub>=370.20      CAS Number: 184877-64-3  
 Purity: >95% by HPLC      Melting Point: 81-86  
 Solubility: Soluble in MeOH, EtOH, CHCl<sub>3</sub> Insoluble in Hexane  
 Activity: selective inhibitors of IL-6

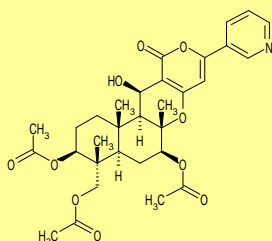
*Synthesized by Organic Chemistry Group, The Kitasato Institute.*


**Motilide, synthetic** **KIX-BLS0050**

1mg ¥30,000

MF/MW: C<sub>39</sub>H<sub>69</sub>NO<sub>12</sub>=743.98      CAS Number: 110480-13-2  
 Purity: >97% by HPLC      Melting Point: 110-112  
 Solubility: Soluble in MeOH, EtOH, CHCl<sub>3</sub>, EtOAc, DMSO Insoluble in water  
 Activity: gastrointestinal motor stimulating (GMS) activity without antibacterial activity

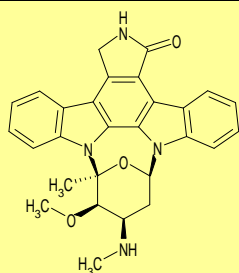
*Synthesized by Organic Chemistry Group, The Kitasato Institute.*


**Pyripyropen A** **KIX-BLK0002**

1mg ¥22,000

MF/MW: C<sub>31</sub>H<sub>37</sub>NO<sub>10</sub>=583.24      CAS Number: 147444-03-9  
 Purity: >85% by HPLC      Melting Point: 152-153  
 Solubility: Soluble in MeOH, EtOAc, CHCl<sub>3</sub> Insoluble in water, Hexane  
 Activity: Inhibitors of Acy-CoA: Cholesterol Acyltransferase(ACAT)

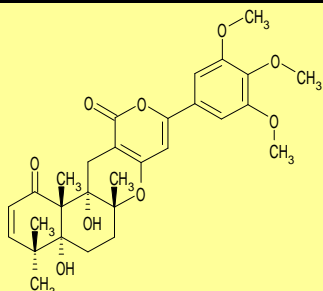
*Manufactured with Cortesy strain from The Kitasato Institute.*


**Staurosporine** **KIX-BLS0040**

1mg ¥22,000      5mg ¥88,000

MF/MW: C<sub>28</sub>H<sub>26</sub>N<sub>4</sub>O<sub>3</sub>=466.20      CAS Number: 62996-74-1  
 Purity: >95% by HPLC      Melting Point: 205-210°C(dec.)  
 Solubility: Soluble in DMSO, DMF, Slightly soluble in MeOH, CHCl<sub>3</sub>  
 Activity: exerts its biological effect by interacting, or binding, with a biological target such as a kinase through the prevention of ATP binding to the kinase.

*Manufactured with Cortesy strain from The Kitasato Institute.*


**Territrem B** **KIX-BLS0060**

1mg ¥30,000

MF/MW: : C<sub>29</sub>H<sub>34</sub>O<sub>9</sub>=526.58      CAS Number: 70407-20-4  
 Purity: 95.0% by HPLC      Melting Point: >300  
 Solubility: Soluble in MeOH, CHCl<sub>3</sub> Insoluble in water  
 Activity: inhibitory activities against AChE (from human erythrocytes) in vitro, with IC<sub>50</sub> values of 1, 26, and 8 nM, respectively (Figure 2) [5]. And the activity against AChE was more than 20,000 times higher than that against butyrylcholinesterase (BChE, from horse serum)

*Manufactured with Cortesy strain from The Kitasato Institute.*

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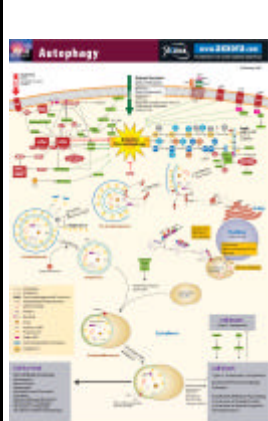
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 • Toll-Like Receptors  
 • NF-?B Signalling Pathway  
 • Dependence Receptors &  
 their Ligands  
 • TNF Superfamily Members &  
 Their Receptors  
 • Cyclin Dependent Kinase  
 [CDK] Inhibitors

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