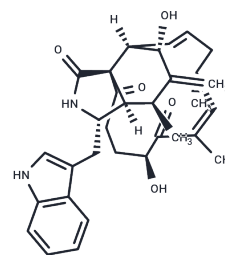


Chaetoglobosin Fex

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 149457-95-4 |
| Formula: | C32H38N2O5 |
| Molecular Weight: | 530.65 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|---------------|--|
| Description | Chaetoglobosin Fex from the marine-derived endophytic fungus inhibits induction of inflammatory mediators via Toll-like receptor 4 signaling in macrophages. |
| Targets(IC50) | Immunology/Inflammation related |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8845 mL | 9.4224 mL | 18.8448 mL |
| 5 mM | 0.3769 mL | 1.8845 mL | 3.769 mL |
| 10 mM | 0.1884 mL | 0.9422 mL | 1.8845 mL |
| 50 mM | 0.0377 mL | 0.1884 mL | 0.3769 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Dou H , Song Y , Liu X , et al. Chaetoglobosin Fex from the Marine-Derived Endophytic Fungus Inhibits Induction of Inflammatory Mediators via Toll-Like Receptor 4 Signaling in Macrophages[J]. Biological & Pharmaceutical Bulletin, 2011, 34(12):1864-73.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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