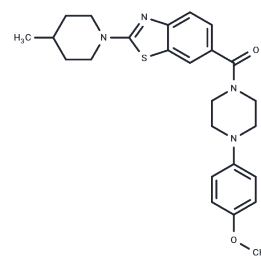


Anisole-piperazine-methanone-benzothiazole-p-methylpiperidine

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 906258-69-3 |
| Formula: | C ₂₅ H ₃₀ N ₄ O ₂ S |
| Molecular Weight: | 450.6 |
| 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 | Anisole-piperazine-methanone-benzothiazole-p-methylpiperidine ((4-(4-methoxyphenyl)piperazin-1-yl)(2-(4-methylpiperidin-1-yl)benzo[d]thiazol-6-yl) methanone) is a raw material for biosynthesis and can be used to synthesize various compounds. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 15 mg/mL (33.29 mM), Sonication and heating to 60°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.2193 mL | 11.0963 mL | 22.1926 mL |
| 5 mM | 0.4439 mL | 2.2193 mL | 4.4385 mL |
| 10 mM | 0.2219 mL | 1.1096 mL | 2.2193 mL |
| 50 mM | 0.0444 mL | 0.2219 mL | 0.4439 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

Xiong F, et al. Discovery of novel reversible monoacylglycerol lipase inhibitors via docking-based virtual screening. *Bioorg Med Chem Lett.* 2021;41:127986.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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