

BIM-46187 4HCl

## Chemical Properties

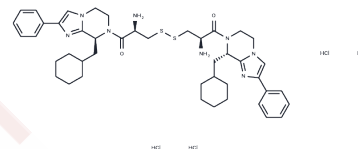
CAS No. : 2489449-03-6

Formula: C<sub>44</sub>H<sub>62</sub>Cl<sub>4</sub>N<sub>8</sub>O<sub>2</sub>S<sub>2</sub>

Molecular Weight: 940.95

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	BIM-46187 4HCl (PH-064 4HCl) is a heterotrimeric G-protein complex inhibitor.
Targets(IC50)	Others,Endogenous Metabolite

## Solubility Information

Solubility	DMSO: 127.5 mg/mL (135.5 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0628 mL	5.3138 mL	10.6276 mL
5 mM	0.2126 mL	1.0628 mL	2.1255 mL
10 mM	0.1063 mL	0.5314 mL	1.0628 mL
50 mM	0.0213 mL	0.1063 mL	0.2126 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

Favre-Guilnard C, et al. The novel inhibitor of the heterotrimeric G-protein complex, BIM-46187, elicits anti-hyperalgesic properties and synergizes with morphine. Eur J Pharmacol. 2008 Oct 10;594(1-3):70-6.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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