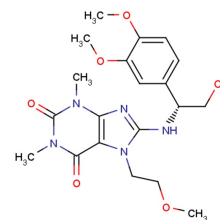


SDZ-MKS 492

Chemical Properties

CAS No.: 114606-56-3
Formula: C₂₀H₂₇N₅O₆
Molecular Weight: 433.46
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	SDZ-MKS 492 is a selective type III isozyme cyclic nucleotide phosphodiesterase inhibitor.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 250 mg/mL (576.75 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.307 mL	11.535 mL	23.07 mL
5 mM	0.461 mL	2.307 mL	4.614 mL
10 mM	0.231 mL	1.154 mL	2.307 mL
50 mM	0.046 mL	0.231 mL	0.461 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Nagai H, et al. Effects of MKS-492 on antigen-induced bronchoconstriction and allergic reaction in guinea pigs and rats. Jpn J Pharmacol. 1993 Dec;63(4):405-13.

Inhibitors · Natural Compounds · Compound Libraries

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