

SA 47

Chemical Properties

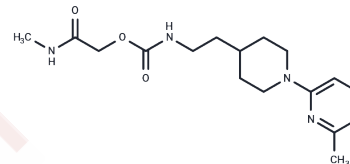
CAS No. : 792236-07-8

Formula: C₁₇H₂₆N₄O₃

Molecular Weight: 334.41

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

| | |
|---------------|--|
| Description | SA 47 is a selective and effective inhibitor of fatty acid amide hydrolase (FAAH) and carbamate. |
| Targets(IC50) | FAAH |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9903 mL | 14.9517 mL | 29.9034 mL |
| 5 mM | 0.5981 mL | 2.9903 mL | 5.9807 mL |
| 10 mM | 0.299 mL | 1.4952 mL | 2.9903 mL |
| 50 mM | 0.0598 mL | 0.299 mL | 0.5981 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.

Reference

Zhang D, et al. Fatty acid amide hydrolase inhibitors display broad selectivity and inhibit multiple carboxylesterases as off-targets. *Neuropharmacology*. 2007 Mar;52(4):1095-105.

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