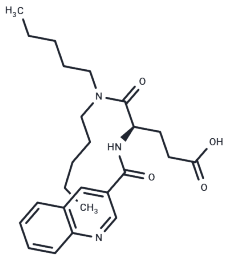
# Data Sheet (Cat.No.T26483)

TargetMol

## A-65186

### Chemical Properties



CAS No. : 119295-94-2

Formula: C25H35N3O4

Molecular Weight: 441.56

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 | A-65186 is an A-type glutamatergic cholecystokinin (CCK) antagonist used to study inflammation and gastrointestinal tract injury. |
| Targets(IC50) | Cholecystokinin Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 2.2647 mL | 11.3235 mL | 22.647 mL |
| 5 mM | 0.4529 mL | 2.2647 mL | 4.5294 mL |
| 10 mM | 0.2265 mL | 1.1323 mL | 2.2647 mL |
| 50 mM | 0.0453 mL | 0.2265 mL | 0.4529 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


Kerwin JF Jr, et al. Cholecystokinin antagonists: (R)-tryptophan-based hybrid antagonists of high affinity and selectivity for CCK-A receptors. J Med Chem. 1991 Dec;34(12):3350-9. doi: 10.1021/jm00116a002. PMID: 1766000.

Woltman TA, et al. Relative blood-brain barrier permeabilities of the cholecystokinin receptor antagonists devazepide and A-65186 in rats. J Pharm Pharmacol. 1999 Aug;51(8):917-20.

Reidelberger RD, et al. Effects of peripheral CCK receptor blockade on food intake in rats. Am J Physiol Regul Integr Comp Physiol. 2003 Aug;285(2):R429-37.

Peter SA, D'Amato M, Beglinger C. CCK1 antagonists: are they ready for clinical use? Dig Dis. 2006;24(1-2):70-82. Review. PubMed PMID: 16699265.

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