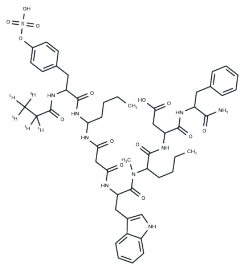
Data Sheet (Cat.No.T25921)

TargetMol

Pbc 264

Chemical Properties



CAS No. : 125236-85-3

Formula: C51H67N9O14S

Molecular Weight: 1072.25

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	Pbc 264 is a CCK agonist.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9326 mL	4.6631 mL	9.3262 mL
5 mM	0.1865 mL	0.9326 mL	1.8652 mL
10 mM	0.0933 mL	0.4663 mL	0.9326 mL
50 mM	0.0187 mL	0.0933 mL	0.1865 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

Durieux C, Ruiz-Gayo M, Roques BP. In vivo binding affinities of cholecystokinin agonists and antagonists determined using the selective CCKB agonist [3H]pBC 264. Eur J Pharmacol. 1991 Dec 17;209(3):185-93. PubMed PMID: 1797561.

Durieux C, Ruiz-Gayo M, Corringer PJ, Bergeron F, Ducos B, Roques BP. [3H]pBC 264, a suitable probe for studying cholecystokinin-B receptors: binding characteristics in rodent brains and comparison with [3H]SNF 8702. Mol Pharmacol. 1992 Jun;41(6):1089-95. PubMed PMID: 1614411.

Durieux C, Corringer PJ, Bergeron F, Roques BP. [3H]pBC 264, first highly potent and very selective radioligand for CCK-B receptors. Eur J Pharmacol. 1989 Sep 13;168(2):269-70. PubMed PMID: 2606153.

Ruiz-Gayo M, Durieux C, Fournié-Zaluski MC, Roques BP. Stimulation of delta-opioid receptors reduces the in vivo binding of the cholecystokinin (CCK)-B-selective agonist [3H]pBC 264: evidence for a physiological regulation of CCKergic systems by endogenous enkephalins. J Neurochem. 1992 Nov;59(5):1805-11. PubMed PMID: 1357099.

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