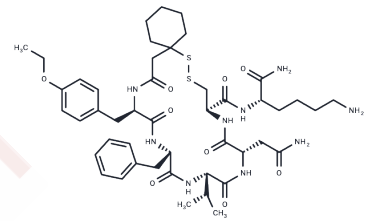


L 654284

Chemical Properties

CAS No. : 98612-56-7
 Formula: C₄₆H₆₇N₉O₉S₂
 Molecular Weight: 954.21
 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	L 654284 is a potent and selective alpha 2 adrenoceptor antagonist.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.048 mL	5.2399 mL	10.4799 mL
5 mM	0.2096 mL	1.048 mL	2.096 mL
10 mM	0.1048 mL	0.524 mL	1.048 mL
50 mM	0.021 mL	0.1048 mL	0.2096 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

Randall WC, Huff JR, Vacca JP, Guare JP, Chen R, Rosegay A, Baldwin JJ. [3H]L-654,284 as a probe of the central alpha 2 adrenoceptor. *Naunyn Schmiedeberg's Arch Pharmacol.* 1988 Jul;338(1):47-52. PubMed PMID: 2907099.

Pettibone DJ, Clineschmidt BV, Lotti VJ, Martin GE, Huff JR, Randall WC, Vacca J, Baldwin JJ. L-654,284 a new potent and selective alpha 2-adrenoceptor antagonist. *Naunyn Schmiedeberg's Arch Pharmacol.* 1986 Jun;333(2):110-6. PubMed PMID: 2875395.

Huff JR, Anderson PS, Baldwin JJ, Clineschmidt BV, Guare JP, Lotti VJ, Pettibone DJ, Randall WC, Vacca JP. N-(1,3,4,6,7,12b-hexahydro-2H-benzo[b]furo[2,3-a]quinolizin-2-yl)-N-methyl-2-hydroxyethane-sulfonamide: a potent and selective alpha 2-adrenoceptor antagonist. *J Med Chem.* 1985 Dec;28(12):1756-9. PubMed PMID: 2999400.

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