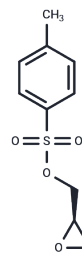


## (R)-Glycidol tosylate

## Chemical Properties

CAS No. :	113826-06-5
Formula:	C10H12O4S
Molecular Weight:	228.27
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	(R)-Glycidol tosylate is an exceptionally important chiral building block. Featuring a tosylate leaving group and highly optically pure epoxide structure, it exhibits superb reactivity in regioselective nucleophilic ring-opening reactions, serving as a core raw material for synthesizing diverse chiral drugs like beta-blockers.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3808 mL	21.9039 mL	43.8078 mL
5 mM	0.8762 mL	4.3808 mL	8.7616 mL
10 mM	0.4381 mL	2.1904 mL	4.3808 mL
50 mM	0.0876 mL	0.4381 mL	0.8762 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

Solingapuram Sai KK, et al. Radiosynthesis and Evaluation of [11C]HD-800, a High Affinity Brain Penetrant PET Tracer for Imaging Microtubules. ACS Med Chem Lett. 2018 Apr 30;9(5):452-456.

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