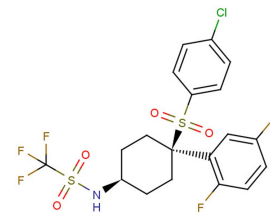


MRK-560

Chemical Properties

CAS No.:	677772-84-8
Formula:	C ₁₉ H ₁₇ ClF ₅ NO ₄ S ₂
Molecular Weight:	517.92
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	MRK-560 is an effective and brain-penetrant inhibitor of γ -secretase.
Targets(IC ₅₀)	γ -secretase: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.931 mL	9.654 mL	19.308 mL
5 mM	0.386 mL	1.931 mL	3.862 mL
10 mM	0.193 mL	0.965 mL	1.931 mL
50 mM	0.039 mL	0.193 mL	0.386 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Best JD, et al. The novel gamma secretase inhibitor N-[cis-4-[(4-chlorophenyl)sulfonyl]-4-(2,5-difluorophenyl)cyclohexyl]-1,1,1-trifluoromethanesulfonamide (MRK-560) reduces amyloid plaque deposition without evidence of notch-related pathology in the Tg2576 mouse. J Pharmacol Exp Ther. 2007 Feb;320(2):552-8.

Inhibitors · Natural Compounds · Compound Libraries

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