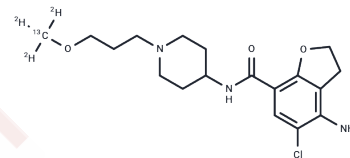


Prucalopride-13C-D3

Chemical Properties

CAS No. :	2140306-00-7
Formula:	C ₁₈ H ₂₃ D ₃ ClN ₃ O ₃
Molecular Weight:	371.88
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	Prucalopride-13C-D3 is the 13C and deuterated compound of Prucalopride. Prucalopride (T2542) has a CAS number of 179474-81-8. Prucalopride (T2542) is a selective, high-affinity 5-HT _{4A/4B} receptor agonist (K _i : 2.5/8 nM). It has >290-fold selectivity for 5-HT _{4A/4B} receptor than other 5-HT receptor subtypes.
Targets(IC50)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.689 mL	13.4452 mL	26.8904 mL
5 mM	0.5378 mL	2.689 mL	5.3781 mL
10 mM	0.2689 mL	1.3445 mL	2.689 mL
50 mM	0.0538 mL	0.2689 mL	0.5378 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

- Briejer MR, et al. Eur J Pharmacol, 2001, 423(1), 71-83.

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