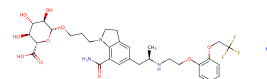


Silodosin Glucuronide (sodium salt)

Chemical Properties

CAS No. :	879292-24-7
Formula:	C ₃₁ H ₃₉ F ₃ N ₃ NaO ₁₀
Molecular Weight:	693.64
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	Silodosin glucuronide is an active metabolite of the α 1A-adrenergic receptor antagonist silodosin . It is formed from silodosin by the UDP-glucuronosyltransferase (UGT) isoform UGT2B7. Silodosin glucuronide is toxic to rats with an LD50 value of 0.347 mg/kg.
Targets(IC50)	Others,Drug Metabolite

Solubility Information

Solubility	Methanol: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4417 mL	7.2084 mL	14.4167 mL
5 mM	0.2883 mL	1.4417 mL	2.8833 mL
10 mM	0.1442 mL	0.7208 mL	1.4417 mL
50 mM	0.0288 mL	0.1442 mL	0.2883 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.

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