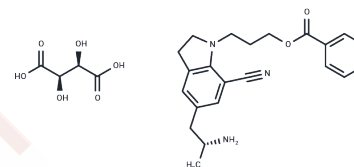


Silodosin Impurity 23

Chemical Properties

CAS No. :	239463-85-5
Formula:	C ₂₆ H ₃₁ N ₃ O ₈
Molecular Weight:	513.54
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	5-[(2R)-2-Aminopropyl]-1-[3-(benzyloxy)propyl]-2,3-dihydro-1H-indole-7-carbonitrile (2R,3R)-2,3-dihydroxybutanedioate is a natural product that can be used as reference standards.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 65 mg/mL (126.57 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9473 mL	9.7363 mL	19.4727 mL
5 mM	0.3895 mL	1.9473 mL	3.8945 mL
10 mM	0.1947 mL	0.9736 mL	1.9473 mL
50 mM	0.0389 mL	0.1947 mL	0.3895 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

Gordon William Rewcastle, et al. Pyrimidinyl and 1,3,5-triazinyl benzimidazole sulfonamides and their use in cancer therapy. US9108980B2

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