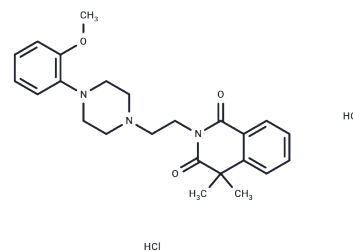


ARC 239 dihydrochloride

Chemical Properties

CAS No. : 55974-42-0
Formula: C₂₄H₃₁Cl₂N₃O₃
Molecular Weight: 480.43
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ARC 239 dihydrochloride is a selective α 2B adrenoceptor antagonist (pKD values are 8.8, 6.7 and 6.4 at α 2B, α 2A, and α 2D receptors respectively).
Targets(IC50)	Norepinephrine

Solubility Information

Solubility	DMSO: 50 mg/mL (104.07 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0815 mL	10.4073 mL	20.8147 mL
5 mM	0.4163 mL	2.0815 mL	4.1629 mL
10 mM	0.2081 mL	1.0407 mL	2.0815 mL
50 mM	0.0416 mL	0.2081 mL	0.4163 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.

Reference

Suzana Assad Kahn, et al. The anti-hypertensive drug prazosin inhibits glioblastoma growth via the PKC δ -dependent inhibition of the AKT pathway. EMBO Mol Med. 2016 May 2;8(5):511-26.

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