

WDR5-0103 hydrochloride[890190-22-4(free base)]

Chemical Properties

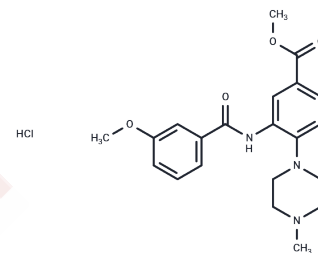
CAS No. :

Formula: C₂₁H₂₆ClN₃O₄

Molecular Weight: 419.9

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	WDR5-0103 hydrochloride[890190-22-4(free base)] (WD-Repeat Protein 5-0103) is an effective and specific WD repeat-containing protein 5 (WDR5) antagonist (Kd: 450 nM).
Targets(IC50)	JAK

Solubility Information

Solubility	Ethanol: 18 mg/mL (42.87 mM),Sonication is recommended. DMSO: 50 mg/mL (119.08 mM),Sonication is recommended. H ₂ O: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3815 mL	11.9076 mL	23.8152 mL
5 mM	0.4763 mL	2.3815 mL	4.763 mL
10 mM	0.2382 mL	1.1908 mL	2.3815 mL
50 mM	0.0476 mL	0.2382 mL	0.4763 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

Senisterra G, et al. Small-molecule inhibition of MLL activity by disruption of its interaction with WDR5. *Biochem J.* 2013 Jan 1;449(1):151-159.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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