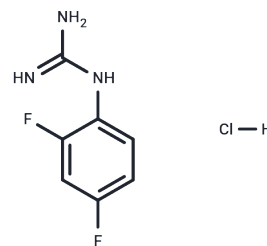


1-(2,4-difluorophenyl)guanidine hydrochloride

Chemical Properties

CAS No. :	112677-40-4
Formula:	C7H8ClF2N3
Molecular Weight:	207.61
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	1-(2,4-difluorophenyl)guanidine hydrochloride is a compound that is a potent and selective inhibitor of the voltage-gated sodium channel Nav1.7, a key player in pain signaling. It is therefore able to reduce pain signaling, resulting in an analgesic effect.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 45 mg/mL (216.75 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	4.8167 mL	24.0836 mL	48.1672 mL
5 mM	0.9633 mL	4.8167 mL	9.6334 mL
10 mM	0.4817 mL	2.4084 mL	4.8167 mL
50 mM	0.0963 mL	0.4817 mL	0.9633 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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