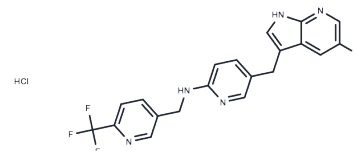


Pexidartinib hydrochloride

Chemical Properties

CAS No. :	2040295-03-0
Formula:	C ₂₀ H ₁₆ Cl ₂ F ₃ N ₅
Molecular Weight:	454.28
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Pexidartinib hydrochloride (PLX-3397 hydrochloride) is a potent, selective, orally active, ATP-competitive inhibitor of colony-stimulating factor 1 (CSF1R or M-CSFR) (IC ₅₀ : 20 nM) and c-Kit (IC ₅₀ : 10 nM). Pexidartinib hydrochloride is 10-100 times more selective for c-Kit and CSF1R than for other related kinases, acting on FLT3 (IC ₅₀ : 160 nM), KDR (VEGFR2) (IC ₅₀ : 350 nM), LCK (IC ₅₀ : 860 nM), FLT1 (VEGFR1) (Pexidartinib hydrochloride induces apoptosis and exhibits anti-tumour effects.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2013 mL	11.0064 mL	22.0129 mL
5 mM	0.4403 mL	2.2013 mL	4.4026 mL
10 mM	0.2201 mL	1.1006 mL	2.2013 mL
50 mM	0.044 mL	0.2201 mL	0.4403 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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