

Pexidartinib

Catalog No: tcsc4256



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg

Size: 200mg



Specifications

CAS No:

1029044-16-3

Formula:

$C_{20}H_{15}ClF_3N_5$

Pathway:

Protein Tyrosine Kinase/RTK;Protein Tyrosine Kinase/RTK

Target:

c-Fms;c-Kit

Form:

White Solid

Purity / Grade:

>98.57%

Solubility:

DMSO : ≥ 30 mg/mL (71.80 mM)

Storage Instruction:

Powder -20°C for 3 years In solvent -80°C for 12 months

Alternative Names:

PLX-3397

Observed Molecular Weight:

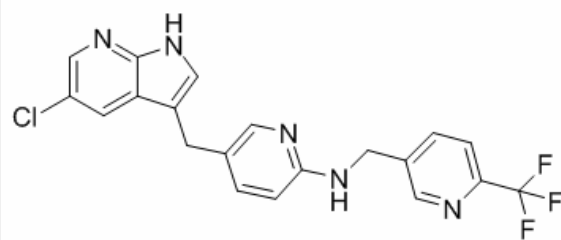
417.81

Product Description

Pexidartinib is a receptor tyrosine kinase (RTK) inhibitor of **KIT**, CSF1R and FLT3, with potential antineoplastic activity, with **IC₅₀** of 28 and 16 nM for Fms and Kit, respectively.

IC50 & Target: IC50: 28 nM (c-Fms), 16 nM (c-Kit)

In Vivo: Pexidartinib is a potent drug for treatment of cancer and used for Phase III TGCT clinical trial^[1].



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