

VX-11e

Catalog No: tcsc0995



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

896720-20-0

Formula:

$C_{24}H_{20}Cl_2FN_5O_2$

Pathway:

Stem Cell/Wnt;MAPK/ERK Pathway

Target:

ERK;ERK

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

500.35

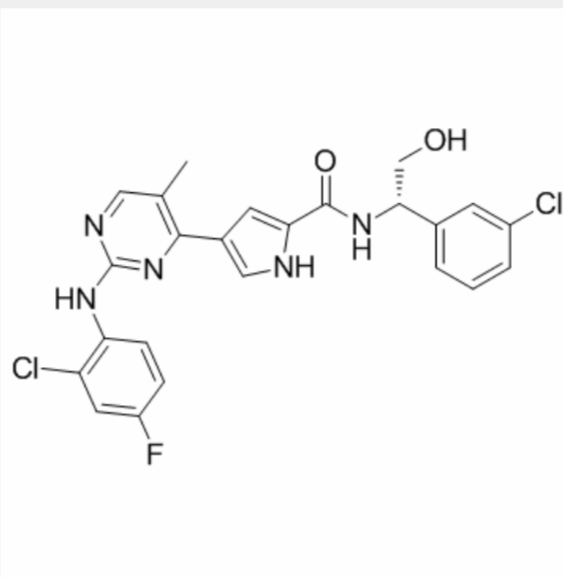
Product Description

VX-11e is a potent, selective, and orally bioavailable inhibitor of **ERK** with **K_i**

In Vitro:

VX-11e is active in the HT29 cell proliferation assay ($IC_{50}=48$ nM)^[1].

In Vivo: VX-11e is orally bioavailable in both rat and mice^[1]. VX-11e (50 mg/kg, p.o.) results in robust inhibition of pRSK, and inhibits tumor growth in NSG mice bearing human melanoma RPDX tumors. VX-11e with BKM120 significantly improves tumor growth inhibition^[2].



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