

UNC2025

Catalog No: tcsc3354



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1429881-91-3

Formula:

$C_{28}H_{40}N_6O$

Pathway:

Protein Tyrosine Kinase/RTK

Target:

FLT3

Purity / Grade:

>98%

Solubility:

DMSO : 33.33 mg/mL (69.92 mM; Need ultrasonic and warming)

Observed Molecular Weight:

476.66

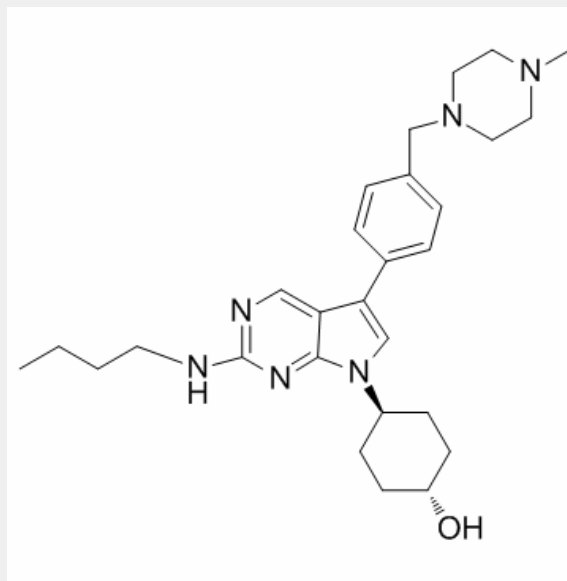
Product Description

UNC2025 is a potent and orally bioavailable Mer/Flt3 dual inhibitor with IC50 of 0.8/0.74 nM for Mer/Flt3.

IC50 value: 0.8/0.74 nM(MER/FLT3)

Target: Mer/Flt3 inhibitor

UNC2025 was capable of inhibiting Mer phosphorylation in vivo, following oral dosing as demonstrated by pharmacodynamic (PD) studies examining phospho-Mer in leukemic blasts from mouse bone marrow. Kinome profiling versus more than 300 kinases in vitro and cellular selectivity assessments demonstrate that 11 has similar subnanomolar activity against Flt3, an additional important target in acute myelogenous leukemia (AML), with pharmacologically useful selectivity versus other kinases examined.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!