

CEP-33779

Cat. No. CEI-1142

Lot. No. (See product label)

Introduction

Description CEP-33779 is a highly selective, orally active inhibitor for JAK2 with IC50 of 1.8nM in enzyme and 61nM in cell, comparing to the inhibition for JAK3 with IC50 of 150nM.

Synonyms JTK10, THCYT3

Product Information

CAS No. 1346168-57-7

Molecular Formula C24H26N6O2S

Chemical Name N-(3-(4-methylpiperazin-1-yl)phenyl)-8-(4-(methylsulfonyl)phenyl)-[1,2,4]triazolo[1,5-a]pyridin-2-amine

Molecular Weight 462.57

Purity > 95%

Targets JAK2, JAK3

IC50 61nM, 150nM

Solubility DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

Storage 4 centigrade

Stability 2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO