Creative Enzymes®

MK-2461

Cat. No. CEI-0939

Lot. No. (See product label)

Introduction

Description	MK-2461 is a potent, multi-targeted inhibitor for c-Met(WT/mutants) with IC50 of 0.4-2.5 nM, less potent to Ron, Flt1; 8- to 30-fold greater selectivity of c-Met targets versus FGFR1, FGFR2, FGFR3, PDGFRβ, KDR, Flt3, Flt4, TrkA, and TrkB. Phase 1/2. .

Product Information

CAS No.	917879-39-1
Molecular Formula	C24H25N5O5S
Chemical Name	N-((2R)-1,4-Dioxan-2-ylmethyl)-N-methyl-N'-[3-(1-methyl-1H-pyrazol-4-yl)-5-oxo-5H-benzo[4,5]cyclohepta[1,2-b]pyridin-7-yl]sulfamide
Molecular Weight	495.55
Targets	c-Met, Ron, Flt1/3, PDGFRβ, Mer, FGFR1/2/3
IC50	2.5 nM; 7 nM; 10 nM/22 nM; 22 nM; 24 nM; 65 nM/39 nM/50 nM
Solubility	DMSO 99 mg/mL; Water <1 mg/mL; Ethanol <1 mg/mL

Storage and Shipping Information

Storage	2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.