Creative Enzymes®

MK-2048

Cat. No. CEI-1425

Lot. No. (See product label)

Introduction

Description	MK-2048 is a second generation inhibitor of HIV-1 integrase with IC50 values of 0.075 μM and 0.08 μM for subtype B and subtype C integrase, respectively.

Product Information

CAS No.	869901-69-9
Molecular Formula	C21H21ClFN5O4
Chemical Name	(6S)-2-[(3-chloro-4-fluorophenyl)methyl]-8-ethyl-10-hydroxy-N,6-dimethyl-1,9-dioxo-6,7-dihydropyrazino[5,6]pyrrolo[1,3-b]pyridazine-4-carboxamide
Molecular Weight	461.9
Purity	98.00%
Targets	subtype B integrase; subtype C integrase
IC50	0.075 μM; 0.08 μM
Solubility	Soluble in DMSO > 10 mM

Storage and Shipping Information

Storage	Store at -20°C
Shipping Conditions	Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request