

## 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

 $0.075~\mu\text{M}$  and  $0.08~\mu\text{M}$  for subtype B and subtype C integrase, respectively.

**Product Information** 

*CAS No.* 869901-69-9

Molecular Formula C21H21CIFN5O4

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

**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

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