

## 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  $\mu$ M and 0.08  $\mu$ M 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

0.98

#### Targets

subtype B integrase; subtype C integrase

#### IC50

0.075  $\mu$ M; 0.08  $\mu$ M

#### 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