

## 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** C<sub>21</sub>H<sub>21</sub>ClFN<sub>5</sub>O<sub>4</sub>

**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