

## 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

<b>CAS No.</b>	869901-69-9
<b>Molecular Formula</b>	C21H21ClFN5O4
<b>Chemical Name</b>	(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
<b>Molecular Weight</b>	461.9
<b>Purity</b>	0.98
<b>Targets</b>	subtype B integrase; subtype C integrase
<b>IC50</b>	0.075 $\mu$ M; 0.08 $\mu$ M
<b>Solubility</b>	Soluble in DMSO > 10 mM

### Storage and Shipping Information

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