

## LRRK2-IN-1

Cat. No. CEI-1401

Lot. No. (See product label)

### Introduction

**Description** LRRK2-IN-1 is a potent and selective inhibitor of leucine-rich repeat kinase 2 (LRRK2) with IC<sub>50</sub> values of 13 nM and 6 nM for wild-type LRRK2 and G2019S mutant LRRK2, respectively.

**Synonyms** LRRK 2-IN-1

### Product Information

**CAS No.** 1234480-84-2

**Molecular Formula** C<sub>31</sub>H<sub>38</sub>N<sub>8</sub>O<sub>3</sub>

**Chemical Name** 2-[2-methoxy-4-[4-(4-methylpiperazin-1-yl)piperidine-1-carbonyl]anilino]-5,11-dimethylpyrimido[4,5-b][1,4]benzodiazepin-6-one

**Molecular Weight** 570.7

**Purity** 0.9801

**Targets** LRRK2

**IC<sub>50</sub>** 13 nM; 6 nM

**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