

## Aurora A Inhibitor I

Cat. No. CEI-0846

Lot. No. (See product label)

### Introduction

#### Description

Aurora A Inhibitor I is a novel, potent, and selective inhibitor of Aurora A with IC<sub>50</sub> of 3.4 nM. It is 1000-fold more selective for Aurora A than Aurora B.

### Product Information

**CAS No.** 1158838-45-9

**Molecular Formula** C<sub>31</sub>H<sub>31</sub>ClFN<sub>7</sub>O<sub>2</sub>

**Chemical Name** N-(2-chlorophenyl)-4-(2-(4-(2-(4-ethylpiperazin-1-yl)-2-oxoethyl)phenylamino)-5-fluoropyrimidin-4-ylamino)benzamide

**Molecular Weight** 588.07

**Targets** Aurora A, Aurora B, Aurora C

**IC<sub>50</sub>** 3.4 nM; 3.4 μM; 0.432 μM

**Solubility** DMSO 118 mg/mL; Water <1 mg/mL; Ethanol <1 mg/mL

### Storage and Shipping Information

**Storage** 2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.