

## ZM-447439

Cat. No. CEI-0891

Lot. No. (See product label)

### Introduction

#### Description

ZM 447439 is a selective and ATP-competitive inhibitor for Aurora A and Aurora B with IC<sub>50</sub> of 110 nM and 130 nM, respectively. It is more than 8-fold selective for Aurora A/B than MEK1, Src, Lck and has little effect against CDK1/2/4, Plk1, Chk1, etc.

### Product Information

**CAS No.** 331771-20-1

**Molecular Formula** C<sub>29</sub>H<sub>31</sub>N<sub>5</sub>O<sub>4</sub>

**Chemical Name** N-(4-(6-methoxy-7-(3-morpholinopropoxy)quinazolin-4-ylamino)phenyl)benzamide

**Molecular Weight** 513.59

**Targets** Aurora A, Aurora B

**IC<sub>50</sub>** 110 nM; 130 nM

**Solubility** DMSO 103 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.