

## CEP-33779

Cat. No. CEI-1142

Lot. No. (See product label)

### Introduction

**Description** CEP-33779 is a highly selective, orally active inhibitor for JAK2 with IC50 of 1.8nM in enzyme and 61nM in cell, comparing to the inhibition for JAK3 with IC50 of 150nM.

**Synonyms** JTK10, THCYT3

### Product Information

**CAS No.** 1346168-57-7

**Molecular Formula** C24H26N6O2S

**Chemical Name** N-(3-(4-methylpiperazin-1-yl)phenyl)-8-(4-(methylsulfonyl)phenyl)-[1,2,4]triazolo[1,5-a]pyridin-2-amine

**Molecular Weight** 462.57

**Purity** > 95%

**Targets** JAK2, JAK3

**IC50** 61nM, 150nM

**Solubility** DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

### Storage and Shipping Information

**Storage** 4 centigrade

**Stability** 2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO