Creative Enzymes®

# CEP-33779

*Cat. No. CEI-1142*

*Lot. No.* (See product label)

## Introduction

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| ***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

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| ***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

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