

## TG-46

Cat. No. CEI-1117

Lot. No. (See product label)

### Introduction

**Description** TG-46 is a JAK inhibitor.

**Synonyms** JTK10, THCYT3

### Product Information

**CAS No.** 936091-15-5

**Molecular Formula** C<sub>26</sub>H<sub>34</sub>N<sub>6</sub>O<sub>3</sub>S

**Chemical Name** N-(1,1-dimethylethyl)-3-[[5-methyl-2-[[4-(4-methyl-1-piperazine)phenyl]amino]-4-pyrimidinyl]amino]benzenesulfonamide

**Molecular Weight** 510.65

**Purity** > 95%

**Targets** JAK2, FLT3, RET, JAK3

**IC50** 6nM, 25nM, 17nM, 169nM

**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