Creative Enzymes®

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	C26H34N6O3S
Chemical Name	N-(1,1-dimethylethyl)-3-[[5-methyl-2-[[4-(4-methyl-1-pipera zinyl)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