

TG-89

Cat. No. CEI-1118

Lot. No. (See product label)

Introduction

Description JAK2 6nM; FLT3 25nM; RET 17nM; JAK3 169nM

Synonyms JTK10, THCYT3

Product Information

CAS No. 936091-56-4

Molecular Formula C₂₆H₃₄N₆O₃S

Chemical Name N-(1,1-dimethylethyl)-3-[[5-methyl-2-[[4-(4-methyl-1-piperazinyl)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