Creative Enzymes®

ZM 39923 HCl

Cat. No. CEI-1072

Lot. No. (See product label)

Introduction

Description	ZM 39923 is an JAK1/3 inhibitor with pIC50 of 4.4/7.1, almost no activity to JAK2 and modestly potent to EGFR; also found to be sensitive to transglutaminase.
Synonyms	JAK1A, JAK1B, JTK3

Product Information

CAS No.	1021868-92-7
Molecular Formula	C23H25NO.HCl
Chemical Name	1-Propanone, 3-[(1-methylethyl)(phenylmethyl)amino]-1-(2-naphthalenyl)-, hydrochloride (1:1)
Molecular Weight	367.91
Purity	99.80%
Targets	JAK1, JAK3, EGFR, TGM2
IC50	4.4nM, 7.1nM, 5.6nM, 10 nM
Solubility	DMSO 30 mg/mL Water <1 mg/mL Ethanol 8 mg/mL

Storage and Shipping Information

Storage	2 years -20 centigrade Powder 2 weeks4centigradein DMSO 6 months-80centigradein DMSO