

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 weeks 4centigrade in DMSO 6 months-80centigrade in DMSO