

## 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** 0.998

**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