

S-Ruxolitinib (INCB018424)

Cat. No. CEI-1074

Lot. No. (See product label)

Introduction

Description S-Ruxolitinib is the chirality of INCB018424, which is the first potent, selective, JAK1/2 inhibitor to enter the clinic with IC₅₀ of 3.3 nM/2.8 nM, >130-fold selectivity for JAK1/2 versus JAK3. Phase 3.

Synonyms JAK1A, JAK1B, JTK3

Product Information

CAS No. 941685-37-6

Molecular Formula C₁₇H₁₈N₆

Chemical Name 1H-Pyrazole-1-propanenitrile, β-cyclopentyl-4-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-, (βS)-

Molecular Weight 306.37

Purity 0.9981

Targets JAK1, JAK2

IC₅₀ 3.3 nM, 2.8 nM

Solubility DMSO 61 mg/mL Water 5 mg/mL Ethanol 61 mg/mL

Storage and Shipping Information

Storage 2 years -20 centigrade Powder 2 weeks 4centigrade in DMSO 6 months -80centigrade in DMSO