

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)-, (β S)-

Molecular Weight

306.37

Purity

99.81%

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 4 centigrade in DMSO 6 months-80 centigrade in DMSO