

Filgotinib, JAK1 inhibitor

Catalog	Unit
TBI5145-5MG	5 mg
TBI5145-25MG	25 mg

Product Details

Formal Name: N-[5-[4-[(1,1-dioxido-4-thiomorpholinyl)methyl]phenyl][1,2,4]triazolo[1,5-a]pyridin-2-yl]-cyclopropanecarboxamide

Alternate Names: GLPG0634; GS-6034

Molecular Formula: C₂₁H₂₃N₅O₃S

Formula Weight: 425.50

CAS Number: 1206161-97-8

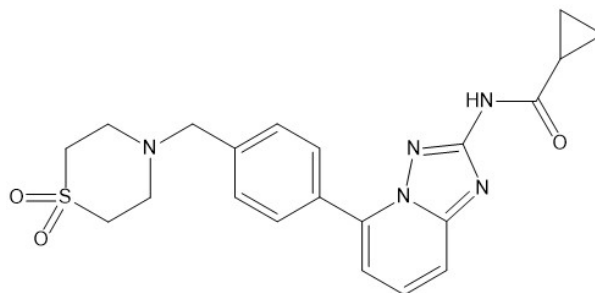
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (15 mg/ml, warm)

Storage: -20°C

Stability: ≥ 2 years.



Applications

JAK1 inhibitor

Functions

Potent and selective JAK1 inhibitor (IC₅₀s=10, 28, 810 and 116 nM for JAK1, JAK2, JAK3 and TYK2 respectively). Displays potent anti-inflammatory activity in various models. Effective as a monotherapy in patients with active rheumatoid arthritis. Reverses oncostatin M-mediated inhibition of rat stem Leydig cell differentiation.

Application Procedures

First dissolved in DMSO (15 mg/ml, warm), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.