

Product Datasheet

GLPG0634 analog

Catalog No. **BP-02478** · CAS **1206101-20-3** · Form **free base** · Physical state **solid** · Color **Light yellow to khaki** · Version **1.0** · Revision **2026-09-10**

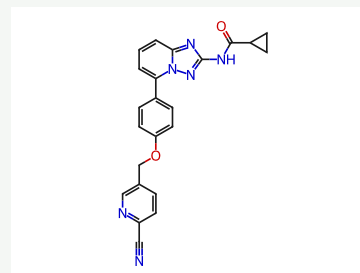
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Target JAK	Research area Cancer
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Molecular formula **C₂₃H₁₈N₆O₂**

Molecular weight **410.4280**

STRUCTURE



DESCRIPTION

GLPG0634 analog (Compound 176) is a broad spectrum JAK inhibitor with IC₅₀ values of <100 nM against JAK1, JAK2 and JAK3 .

BIOLOGICAL ACTIVITY

In Vitro

GLPG0634 analog (Compound 176) inhibits JAK-STAT signaling and OSM/IL-1 β signaling with both EC₅₀ values of 101-500 nM.

GLPG0634 analog shows microsomal stability of 76%-100% in rat and human.

SOLUBILITY

Soluble in DMSO

REFERENCES

[1].Christel Jeanne Marie Menet, et al. Novel compounds useful for the treatment of degenerative and inflammatory diseases. WO2010010190A1.

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