

Product Datasheet

GSK-2018682

Catalog No. **BP-01832** · CAS **1034688-30-6** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-08**

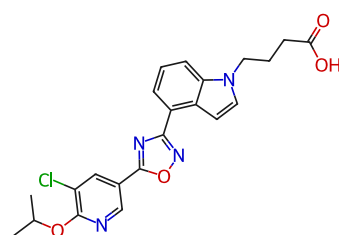
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Target LPL Receptor	Research area Inflammation/Immunology
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Molecular formula **C₂₂H₂₁ClN₄O₄**

Molecular weight **440.8800**

STRUCTURE



DESCRIPTION

GSK2018682 is an agonist for S1P1 and S1P5 receptor with pEC50s of 7.7 and 7.2, respectively, and has no agonist activity towards human S1P2, S1P3, or S1P4. GSK2018682 is used in the research of multiple sclerosis.

BIOLOGICAL ACTIVITY

In Vitro

GSK2018682 is an agonist for S1P1 and S1P5 receptor with pEC50s of 7.7 and 7.2, respectively, and has no agonist activity towards human S1P2, S1P3, or S1P4.

SOLUBILITY

Soluble in DMSO

REFERENCES

[1]. Xu J, et al. Safety, pharmacokinetics, pharmacodynamics, and bioavailability of GSK2018682, a sphingosine-1-phosphate receptor modulator, in healthy volunteers. Clin Pharmacol Drug Dev. 2014 May;3(3):170-8.

Tel: +86 20 31130026 · Fax: +86 20 36822386 · tech@biochemprobe.com · www.biochemprobe.com

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