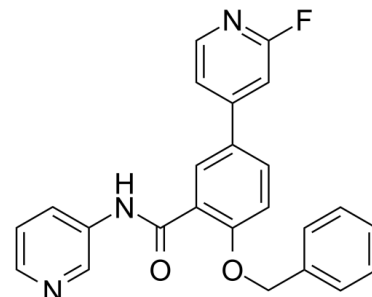


Data Sheet

Product Name:	GSK2578215A
Cat. No.:	CS-3516
CAS No.:	1285515-21-0
Molecular Formula:	C ₂₄ H ₁₈ FN ₃ O ₂
Molecular Weight:	399.42
Target:	Autophagy; LRRK2; Mitophagy
Pathway:	Autophagy
Solubility:	DMSO : 50 mg/mL (125.18 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

GSK2578215A is a potent and highly selective **LRRK2** inhibitor, which exhibits **IC₅₀s** of around 10 nM against both wild-type LRRK2 and the G2019S mutant.

References:

[1]. Reith AD, et al. GSK2578215A; a potent and highly selective 2-arylmethoxy-5-substituent-N-arylbenzamide LRRK2 kinase inhibitor. Bioorg Med Chem Lett. 2012 Sep 1;22(17):5625-9.

CAIndexNames:

Benzamide, 5-(2-fluoro-4-pyridinyl)-2-(phenylmethoxy)-N-3-pyridinyl-

SMILES:

FC1=NC=CC(C2=CC(C(NC3=CC=CN=C3)=O)=C(OCC4=CC=CC=C4)C=C2)=C1

Caution: Product has not been fully validated for medical applications. For research use only.

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