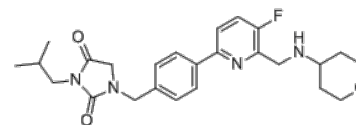


Product Name : LEI-102
Cat. No. : PC-20746
CAS No. : 1228659-40-2
Molecular Formula : C₂₅H₃₁FN₄O₃
Molecular Weight : 454.55
Target : Cannabinoid Receptor
Solubility : 10 mM in DMSO



CAS: 1228659-40-2

Biological Activity

LEI-102 (LEI 102) is a potent, selective **cannabinoid CB2 receptor** agonist with binding pK_i of 8.0, 1000-fold selectivity over CB1R.

LEI-102 is more potent than the selective CB2R agonists APD371 and HU308.

LEI-102 activates CB2R as a partial agonist (E_{max} 76 ± 1%) with a pEC₅₀ value of 6.9 in G protein activation assays.

References

Xiaoting Li, et al. *Nat Commun.* 2023 Mar 15;14(1):1447.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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