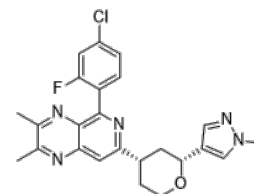


Product Name : VG-3927
Cat. No. : PC-24792
CAS No. : 2738485-98-6
Molecular Formula : C₂₄H₂₃ClFN₅O
Molecular Weight : 451.93
Target : Other Targets
Solubility : 10 mM in DMSO



CAS: 2738485-98-6

Biological Activity

VG-3927 (I-192) is a highly potent, selective and brain penetrant triggering receptor expressed on myeloid cells 2 (**TREM2**) agonist.

VG-3927 promotes TREM2 clustering rather than acting as a direct ligand

VG-3927 promoted anti-inflammatory microglia activation and suppressed a broad spectrum of neurodegeneration-associated biomarkers.

VG-3927 reduced pathological forms of A β , insoluble ApoE levels, and peri-plaque dystrophic neurites after 6 weeks of oral dosing in humanized TREM2 plaque-bearing mice.

VG-3927 shows favorably tune human microglia activation and impart a broadly neuroprotective profile across preclinical model systems.

References

Christian Mirescu, et al. **Alzheimers Dement.** 2025, 20(Suppl 6), e089318.

Hossam Nada, et al. **bioRxiv** [Preprint]. 2025 May 27:2025.05.22.655617.

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

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