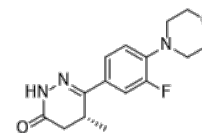


Product Name : BRD9500
Cat. No. : PC-25668
CAS No. : 1630760-75-6
Molecular Formula : C₁₅H₁₈FN₃O₂
Molecular Weight : 291.33
Target : Phosphodiesterase (PDE)
Solubility : 10 mM in DMSO



CAS: 1630760-75-6

Biological Activity

BRD9500 is a potent, selective and orally active phosphodiesterases 3 (**PDE3**) inhibitor with IC₅₀ of 10 and 27 nM for **PDE3A** and **PDE3B**, respectively.

BRD9500 is potent against biomarker-positive HeLa and SK-MEL-3 cells, selective for PDE3 in a PDE panel, clean in a CYP panel, hERG assay, and Ames test, and active in a murine model of melanoma.

References

Lewis TA, et al. *ACS Med Chem Lett.* 2024 Sep 10;15(10):1662-1667.

Lewis T. A. et al. *ACS Med. Chem. Lett.* 2019, 10, 1537–1542.

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

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