

Data Sheet

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 Product Name
 :
 BRD9500

 Cat. No.
 :
 PC-25668

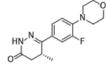
 CAS No.
 :
 1630760-75-6

 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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