

Product Datasheet

Osunprotafib (orb1688337)

Catalog Number	orb1688337
Category	Small Molecules
Description	Osunprotafib (ABBV-CLS-484) is a potent, orally bioavailable inhibitor of PTP1B and PTPN2 currently in clinical trials for the treatment of solid tumors. It modulates the tumor microenvironment by boosting natural killer cell and CD8 T cell activity, enhancing anti-tumor immunity through activation of JAK-STAT signaling, and mitigating T cell dysfunction.
Target	Phosphatase
Form/Appearance	Powder
Purity	97.11%
MW	385.45
Solubility (25°C)	DMSO: 56.2 mg/mL (145.9 mM), Sonication is recommended. H2O: 1 mg/mL (insoluble)
CAS Number	2489404-97-7
Formula	C ₁₇ H ₂₄ FN ₃ O ₄ S
SMILES	CC(C)CCN[C@H]1CCc2cc(O)c(N3CC(=O)NS3(=O)=O)c(F)c2C1
Storage	Powder: -20°C
Note	For research use only

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Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558