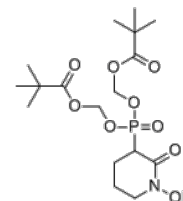


Product Name : POMHEX
Cat. No. : PC-38629
CAS No. : 2004714-34-3
Molecular Formula : C₁₇H₃₀NO₉P
Molecular Weight : 423.40
Target : Enolase
Solubility : 10 mM in DMSO



Biological Activity

POMHEX is a cell-permeable, small-molecule **ENO2**-specific enolase inhibitor, exhibits selective killing against ENO1-deleted glioma cells with IC₅₀ of 30 nM.

POMHEX displays weak activity against non-target ENO1-WT cells (IC₅₀>1.5 μM).

POMHEX selectively induces energy stress, inhibits proliferation, and triggers apoptosis in ENO1-deleted glioma cells.

POMHEX eradicates intracranial orthotopic ENO1-deleted tumors in mice at doses well-tolerated in non-human primates.

References

Sunada Khadka, et al. *Cancer Metab.* 2021 Jun 25;9(1):27.

Yu-Hsi Lin, et al. *Nat Metab.* 2020 Dec;2(12):1413-1426.

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

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