

Product Datasheet

(S)-GNE-140

Catalog No. **BP-02410** · CAS **2003234-64-6** · Form **free base** · Physical state **solid** · Color **Off-white to gray** · Version **1.0** · Revision **2026-09-10**

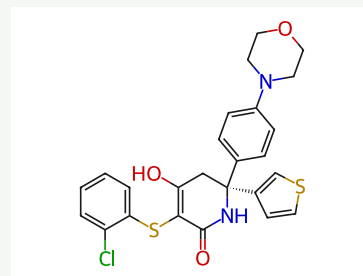
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Target Lactate Dehydrogenase	Research area Cancer
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Molecular formula **C₂₅H₂₃ClN₂O₃S₂**

Molecular weight **499.0450**

STRUCTURE



DESCRIPTION

(S)-GNE-140 (Compound 30-S) is the S-enantiomer of GNE-140 . (S)-GNE-140 is an effective lactate dehydrogenase (LDH) inhibitor, with IC₅₀ values of 55 nM for LDHA and 140 nM for LDHB. (S)-GNE-140 can be used in cancer research .

SOLUBILITY

Soluble in DMSO : ≥ 14.29 mg/mL

REFERENCES

[1].Purkey HE, et al. Cell Active Hydroxylactam Inhibitors of Human Lactate Dehydrogenase with Oral Bioavailability in Mice. ACS Med Chem Lett. 2016 Aug 26;7(10):896-901.

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