

Product Name	: PHGDH-IN-3
Synonyms	: —
Cat No.	: M36500
CAS Number	: 2893778-31-7
Molecular Formula	: C ₂₄ H ₁₈ FN ₃ O ₄ S ₂
Formula Weight	: 495.55
Chemical Name	: —
Description	: PHGDH-IN-3 is an orally active phosphoglycerate dehydrogenase (PHGDH) inhibitor. PHGDH-IN-3 inhibits PHGDH with an IC ₅₀ value of 2.8 μM. PHGDH-IN-3 can be used for the research of cancer.
Pathway	: Metabolic Enzyme/Protease
Target	: Dehydrogenase
Receptor	: Dehydrogenase
Solubility	: In Vitro: ?DMSO : 100 mg/mL (201.80 mM; Ultrasonic (<70°C)
SMILES	: <chem>N(C(=O)C1=CC=C(S(NC2=CC(C(C)=O)=CC=C2)(=O)=O)C=C1)C3=NC(=CS3)C4=CC(F)=CC=C4</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Dingding Gao, et al. Discovery of Novel Drug-like PHGDH Inhibitors to Disrupt Serine Biosynthesis for Cancer Therapy. J Med Chem. 2023 Jan 12;66(1):285-305.?