

U-46619 Glycine methyl ester

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	U-46619 Glycine methyl ester has been modified at its C-1 position, uniquely altering its binding properties with the TP receptor or any PGH2 metabolic enzymes. U-46619 functions as a stable analog of the endoperoxide PGH2 and acts as an agonist of the TP receptor. It induces changes in platelet shape, promotes vascular smooth muscle aggregation, and contraction. This compound is useful for studying its inhibitory effects on various enzymes involved in the arachidonic acid metabolism pathway. Additionally, U-46619 Glycine methyl ester serves as a lipophilic prodrug form of U-46619, affecting its distribution and pharmacokinetic characteristics.
Targets(IC50)	Prostaglandin Receptor

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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