

D,L-erythro-PDMP Biochemical

D,L-erythro-PDMP

CATALOG #
AAA227455

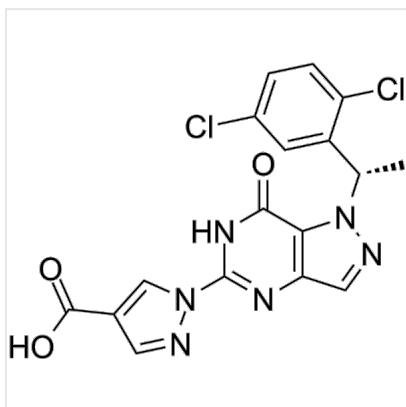
PRODUCT SYNONYMS

D; L-erythro-PDMP; L-erythro-PDMP biochemical

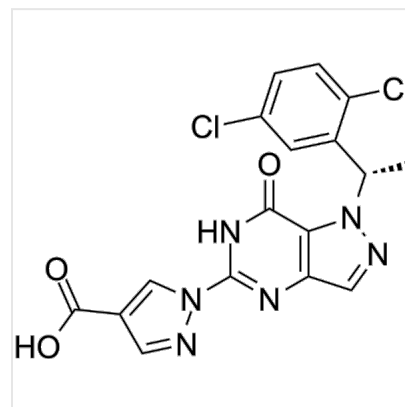
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	109760-77-2
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	D,L-erythro-PDMP (0, 12, 25, 50 uM; 0, 4, 7, 10 days) shows an inhibitory effect on cell growth of rabbit skin fibroblasts[1]. D,L-erythro PDMP (50 uM; 3 days) has cytotoxic of rabbit skin fibroblasts on cell morphology[1]. D,L-erythro-PDMP (40 uM; 24 h; MDCK cells) induces a marked increase in glucosyltransferase specific activity: 14.6 nmol/h per mg protein[2]. D,L-erythro-PDMP (40 uM; 6 h) protects the cells against loss of synthase in cells exposed to cycloheximide[2]. Cell Proliferation Assay[1]Cell Line: Rabbit skin fibroblast Concentration: 0, 12, 25, 50 uM Incubation Time: 0, 4, 7, 10 days. Result: Showed an inhibitory effect on cell growth. Cell Cytotoxicity Assay[1]Cell Line: Rabbit skin fibroblast Concentration: 50 uM Incubation Time: 3 days. Result: Had cytotoxic on cell morphology.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
HIF-PHD-IN-1, CAS 1567657-46-8



Structure
HIF-PHD-IN-1, CAS 1567657-46-8

ADDITIONAL INFORMATION

Related Product Information for D,L-erythro-PDMP biochemical	D,L-erythro-PDMP is an erythro isomer of PDMP. D,L-erythro-PDMP causes growth inhibition of cultured rabbit skin fibroblasts. PDMP is an effective inhibitor of UDP-glucose:ceramide glucosyltransferase.
References	1. Goi T, et, al. Pyrazolo[4,3- d]pyrimidine Derivatives as a Novel Hypoxia-Inducible Factor Prolyl Hydroxylase Domain Inhibitor for the Treatment of Anemia. ACS Med Chem Lett. 2020 Jun 4; 11(7): 1416-1420.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/biochemical/dl-erythro-pdmp/227455>