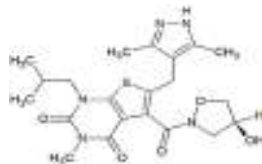


AR-C155858

ALTERNATE NAME: 6-[(3,5-Dimethyl-1H-pyrazol-4-yl)methyl]-5-[[[(4S)-4-hydroxy-2-isoxazolidinyl]carbonyl]-3-methyl-1-(2-methylpropyl)thieno[2,3-d]pyrimidine-2,4(1H,3H)-dione

CATALOG #: B2743-1 1 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₂₇N₅O₅S

MOLECULAR WEIGHT: 461.53

CAS NUMBER: 496791-37-8

APPEARANCE: White to off-white solid

PURITY: ≥98%

SOLUBILITY: >40 mg/ml DMSO

DESCRIPTION: AR-C155858 is a potent Inhibitor of the monocarboxylate transporters (MCTs) MCT1 and MCT2 (K_i values are 2.3 and <10 nM respectively). Displays no activity at MCT4 even at higher concentration. Blocks proliferation of Raji lymphoma cells in vitro. Inhibits glycolysis and glutathione synthesis in cancer cells.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

BAY-8002 (B2564)
α-Cyano-4-hydroxycinnamic acid (B2162)
AZD-3965 (B2227)
Phloretin (9625)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*