BioVision

08/18

PRODUCT: AZD-3965

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

CATALOG #: B2227-1,5

AMOUNT: 1 mg, 5 mg

STRUCTURE:

MOLECULAR FORMULA: $C_{21}H_{24}F_3N_5O_5S$

MOLECULAR WEIGHT: 515.51

CAS NUMBER: 1448671-31-5

APPEARANCE: White solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

STORAGE: Store at -20 ℃. Protect from light and light

DESCRIPTION: AZD-3965 is a potent and selective monocarboxylate transporter 1 (MCT1) inhibitor with a binding affinity of 1.6 nM; it is 6-fold selective over MCT2 and does not inhibit MCT4 even at 10 μM. AZD 3965 increases intratumor lactate levels and decreases tumor growth in mice bearing COR-L103 small cell lung cancer (SCLC) xenografts.

REFERENCES:

Bola, B.M., *et al.* (2014). *Mol. Cancer Ther.* **13**, 2805-2816.

RELATED PRODUCTS:

AZD-3965 **(B2227**)
α-Cyano-4-hydroxycinnamate **(B2162)**
Phloretin **(9625)**
UK-5099 **(B1952)**

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

USAGE: ***FOR RESEARCH USE ONLY! Not to be used in humans***

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