PRODUCT: HM-30181

ALTERNATE NAME: 4-Oxo-4H-chromene-2-carboxylic acid [2-[2-(4,6-dimethoxy-3,4-dihydro-1H-isouquinolin-2-yl)-ethyl]-phenyl-2H-tetrazol-5-yl]-4,5-dimethoxy-phenyl]-amide

CATALOG #: B1285-5,25
AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C_{38}H_{36}N_{6}O_{7}
MOLECULAR WEIGHT: 688.73
CAS NUMBER: 849675-66-7
APPEARANCE: Crystalline solid
SOLUBILITY: DMSO
PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light.

DESCRIPTION: HM-30181 is a third-generation P-glycoprotein (P-gp) inhibitor. In an in vitro, HM-30181 displays a high selectivity for P-gp and its potency is 20–50 times higher than that of tariquidar (Cat. No. 2853), another third-generation P-gp inhibitor.


RELATED PRODUCTS:
- Elacridar (Cat. No. 2792-5, 25)
- HM-30181 (Cat. No. B1285-5,25)
- MK-571 (Cat. No. 2691-5, 25)
- MK-571, sodium salt (Cat. No. 2692-5, 25)
- NSC-23925 (Cat. No. 2686-5, 25)
- Tariquidar (Cat. No. B2853-10,50)

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

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