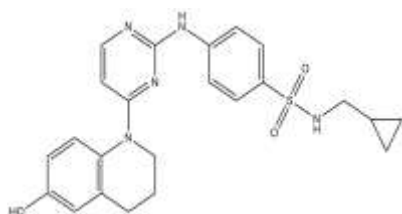


Pyrintegrin

CATALOG #: 1729- 1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



ALTERNATE NAME: N-(Cyclopropylmethyl)-4-(4-(6-hydroxy-3,4-dihydroquinolin-1-(2H)-yl)pyrimidin-2-ylamino)benzenesulfonamide

MOLECULAR FORMULA: C₂₃H₂₅N₅O₃S

MOLECULAR WEIGHT: 451.54

APPEARANCE: Off-white solid

SOLUBILITY: DMSO

PURITY: ≥95% by HPLC

STORAGE: Store at -20°C

DESCRIPTION: A novel small molecule that helps in promoting human embryonic stem cell (hESC) survival by > 30-fold. The dramatic increase in cell survival has been attributed to the protection of the cell surface protein e-cadherin from damage by Pyrintegrin.

REFERENCE: Xu, Y., *et al.* (2010). *Proc. Natl. Acad. Sci. USA*, April 20.

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

FOR RESEARCH USE ONLY! Not to be used in humans.

RELATED PRODUCTS:

- Thiazovivin (Cat. No. 1681-5)
- SB-431542 (Cat. No. 1674-1)
- PD-0325901 (Cat. No. 1643-2)
- CHIR99021 (Cat. No. 1677-5, 25)
- Y-27632, 2HCl (Cat. No. 1596-5, 50)