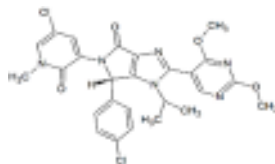


HDM-201

ALTERNATE NAME: NVP-HDM 201
(S)-5-(5-chloro-1-methyl-2-oxo-1,2-dihydropyridin-3-yl)-6-(4-chlorophenyl)-2-(2,4-dimethoxypyrimidin-5-yl)-1-isopropyl-5,6-dihydropyrrolo[3,4-d]imidazol-4(1H)-one
Siremadlin

CATALOG #: B2459-1 1 mg
B2459-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₆H₂₄Cl₂N₆O₄

MOLECULAR WEIGHT: 555.41

CAS NUMBER: 1448867-41-1

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C.

SOLUBILITY: >50 mg/ml DMSO

DESCRIPTION: Siremadlin (NVP-HDM201) is a potent and highly specific MDM-2/p53 inhibitor. It binds to human MDM2 protein with a picomolar K_i value (0.21 nM). It activates p53 and induces robust p53-dependent cell cycle arrest and apoptosis in human p53 wild-type tumor cells.

REFERENCES: Chapeau, E.A., et al. (2017). Proc. Natl. Acad. Sci. USA 111, 3151-3156.

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

RELATED PRODUCTS:

MI-773 (9610)
CGM097 (B1820)
Nutlin-3 (1842)
Nutlin-3b (B1227)
AMG-232 (9556)

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