

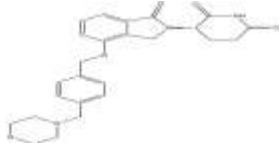
PRODUCT: Iberdomide

ALTERNATE NAME: (S)-3-(4-((4-(morpholinomethyl)benzyl)oxy)-1-oxoisindolin-2-yl)piperidine-2,6-dione; CC-220

CATALOG #: B2284-1,5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₅H₂₇N₃O₅

MOLECULAR WEIGHT: 449.5

CAS NUMBER: 1323403-33-3

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (>10 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Iberdomide is a cereblon modulator that displays an IC₅₀ of 60 nM in TR-FRET cereblon binding assay. Cereblon is a substrate receptor in the CRL4 ubiquitin ligase complex. Iberdomide is potentially useful for the treatment of systemic lupus erythematosus (SLE), an autoimmune disease that is characterized by production of autoantibodies.

REFERENCES: Matyskiela, M.E., *et al.* (2018). *J. Med. Chem.* **61**, 535-542.

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

RELATED PRODUCTS:

Iberdomide (Cat. No. B2284-1,5)

NSC 66811 (Cat. No. 2009-5)

NSC-687852 (Cat. No. 2021-5, 25)

NSC 146109 hydrochloride (Cat. No. 1907-5)

SKP In C1 (Cat. No. 2343-5, 25)

SMER-3 (Cat. No. 2514-5, 25)

(±)- Thalidomide (Cat. No. 2020-10, 50)

TCID (Cat. No. 2204-5, 25)

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