Roscovitine

ALTERNATE NAME: 6-Benzylamino-2-[(R)-1’-ethyl-2’-hydroxyethylamino]-9-isopropylpurine; CYC202; Seliciclib

CATALOG #: 1950-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:

MOLECULAR FORMULA: C_{19}H_{26}N_{6}O

MOLECULAR WEIGHT: 354.45

CAS NUMBER: 186692-46-6

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (~200 mg/ml) or EtOH (~ 200 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Cell-permeable. A potent inhibitor of p34cdc2 (IC_{50} = 0.2 μM). Also inhibits p33cdk2 and p33cdk5.


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 on humans.

RELATED PRODUCTS:
- Alsterpaullone (Cat. No. 1897-1,5)
- Butyrolactone I (Cat. No. 1690-200)
- Kenpaullone (Cat. No. 1904-1)
- TG003 (Cat. No. 1905-5, 25)