

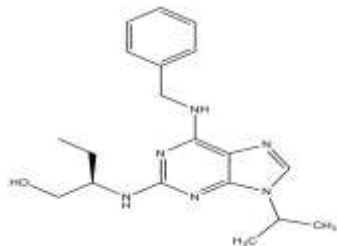
Roscovitine

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: C₁₉H₂₆N₆O

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 (IC₅₀ = 0.2 μM). Also inhibits p33cdk2 and p33cdk5.

REFERENCE: Azevedo, W.F., *et al.* (1997). *Eur. J. Biochem.* **243** (1-2), 518-526.

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**)