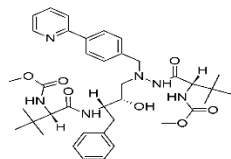


PRODUCT: Atazanavir

ALTERNATE NAMES: Methyl N-[(2S)-1-[2-[(2S,3S)-2-hydroxy-3-[(2S)-2-(methoxycarbonylamino)-3,3-dimethylbutanoyl]amino]-4-phenylbutyl]-2-[(4-pyridin-2-ylphenyl)methyl]hydrazinyl]-3,3-dimethyl-1-oxobutan-2-yl]carbamate

CATALOG NUMBER: B1901-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₃₈H₅₂N₆O₇

MOLECULAR WEIGHT: 704.86

CAS NUMBER: 198904-31-3

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (>25 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Atazanavir is a potent inhibitor of HIV protease (K_i of 2.66 nM). Atazanavir binds to HIV-1 protease preventing the cleavage of gag and gag-pol polyproteins, which results in the formation of immature virions in HIV-1-infected cells. Atazanavir is an HIV protease inhibitor that has been shown to inhibit SARS-CoV-2 *in vitro*.

REFERENCES: Croom, K.F., *et al.* (2009). *Drugs* **69**, 1107-1140.

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

RELATED PRODUCTS:

Acyclovir (Cat. No. 2200-50, 250)

Atazanavir (Cat. No. B1901-5,25)

5-Azacytidine (Cat. No. 1854-50, 250)

6-Azauridine (Cat. No. B1024-100, 500)

(-)-6-Azauridine 2', 3',5'-triacetate (Cat. No. B1025-50, 250)

Azidothymidine (Cat. No. B1113-10, 50)

BMS-626529 (Cat. No. B1557-5,25)

Clemizole (Cat. No. 2481-10,50)

GSK1349572 (Cat. No. 2288-5, 25)

Oseltamivir Phosphate (Cat. No. B1885-50,250)

Oseltamivir Acid (Cat. No. B1886-1,5)

Ribavirin (Cat. No. 2199-10, 50)

Simeprevir (Cat. No. B1173-5,25)

T-705 (Favipiravir) (Cat. No. 2778-5,25)

Troviridine (Cat. No. B1212-10, 50)

Valacyclovir hydrochloride (Cat. No. 2201-10, 50)

Velpatasvir (Cat. No. B1194-5,25)

Zanamivir (Cat. No. B1900-10,50)

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