

PRODUCT: Elvitegravir**RELATED PRODUCTS:**

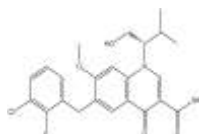
GSK1349572 (Cat. No. 2288-5, 25)

ALTERNATE NAME: 6-[(3-chloro-2-fluorophenyl)methyl]-1-[(2S)-1-hydroxy-3-methylbutan-2-yl]-7-methoxy-4-oxo-1,4-dihydroquinoline-3-carboxylic acid; EVG, JTK-303/GS-9137

CATALOG #: 9465-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₃H₂₃ClFNO₅

MOLECULAR WEIGHT: 447.88

CAS NUMBER: 697761-98-1

APPEARANCE: White solid

SOLUBILITY: DMSO (>50 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Elvitegravir is a novel HIV-1 integrase inhibitor that blocks strand transfer by the viral enzyme. It displays an IC₅₀ of 7.2 nM in the strand transfer assay, and shows an EC₅₀ of 0.9 nM in an acute HIV-1 infection assay.

REFERENCES: Sato, M., *et al.* (2006). *J. Med. Chem.* **49**, 1506-1508.

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

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