

Syk-IN-4 Biochemical

Syk-IN-4

CATALOG #
AAA227255

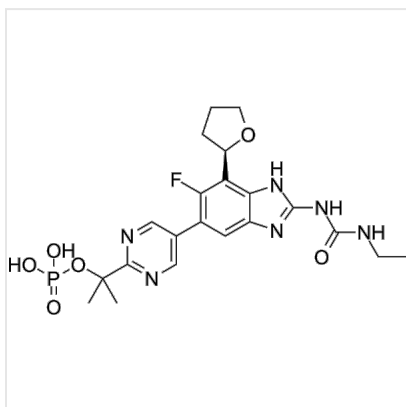
PRODUCT SYNONYMS

Syk-IN-4; SPR720; pVXc-486; Syk-IN-4 biochemical

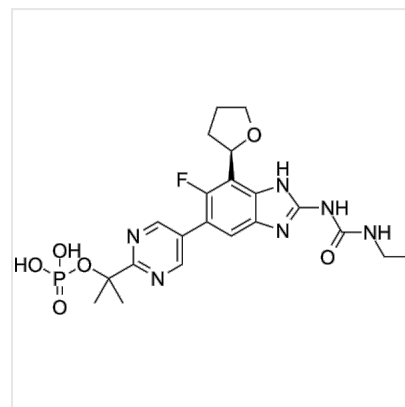
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMSO: 62.5 mg/mL (148.99 mM), Need ultrasonic <1mg/ml refers to the product slightly soluble or insoluble
In vitro	Syk-IN-4 exhibits moderate oral bioavailability (60%) following oral administration (1 mg/kg) in male Hans Wistar rats[1]. Syk-IN-4 exhibits high plasma clearance (151 mL/min/kg) combined with large volumes of distribution (1.0 L/kg respectively) following i.v. administration (0.5 mg/kg) in male Hans Wistar rats[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Fobrepodacin, CAS 1384984-31-9



Structure
Fobrepodacin, CAS 1384984-31-9

ADDITIONAL INFORMATION

Related Product Information for Syk-IN-4 biochemical	Syk-IN-4 is a potent, selective and orally bioavailable SYK inhibitor with an IC ₅₀ of 0.31 nM. SYK has emerged as a potential target for autoimmunity and hematological cancers[1].
References	1. Locher CP, et al. A novel inhibitor of gyrase B is a potent drug candidate for treatment of tuberculosis and nontuberculosis mycobacterial infections. <i>Antimicrob Agents Chemother.</i> 2015 Mar;59(3):1455-65.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.