

HPI-1 (hydrate) Biochemical | HPI-1 biochemical

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CATALOG #
AAA227038

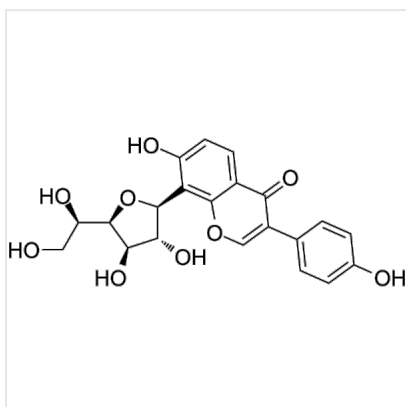
PRODUCT SYNONYMS

HPI-1 (hydrate); HPI-1 biochemical

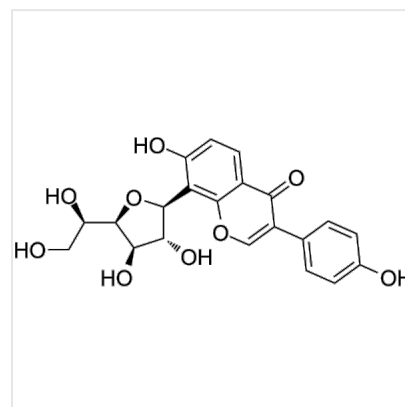
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMF: 10 mg/mL
	DMSO: 3mg/mL
	Ethanol: 20 mg/mL
	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Neopuerarin B, CAS 1150314-39-8



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ADDITIONAL INFORMATION

Related Product Information for HPI-1 biochemical	HPI-1 (hydrate) is a Hedgehog (Hh) pathway inhibitor that suppresses signaling through Sonic Hh (IC ₅₀ = 1.5 uM) without significantly affecting Wnt signaling (IC ₅₀ >= 30 uM).1HPI-1 suppresses Hh activation induced by loss of Suppressor of Fused or by Gli overexpression, suggesting action at posttranslational modification of Gli protein or at the interaction of Gli with a co-factor.1HPI-1 (hydrate) also inhibits signaling through the oncogenic Smoothened (Smo) mutant SmoM2 in neuron precursors, preventing cell proliferation.1
References	1. Yingjie Sun, et al. New hepatoprotective isoflavone glucosides from Pueraria lobata (Willd.) Ohwi. Nat Prod Res. 2019 Dec;33(24):3485-3492.

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.

