

Estradiol 17-(beta-D-Glucuronide)(sodium salt hydrate) Biochemical

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CATALOG #
AAA227215

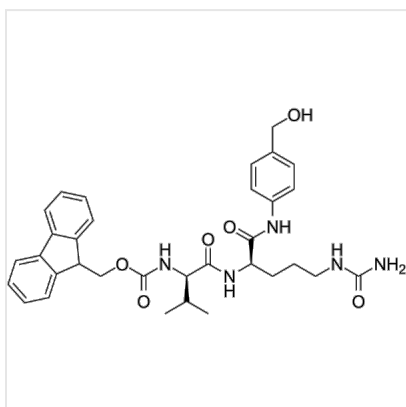
PRODUCT SYNONYMS

Estradiol 17-(beta-D-Glucuronide)(sodium salt hydrate); Estradiol 17-(beta-D-Glucuronide)(sodium salt hydrate) biochemical

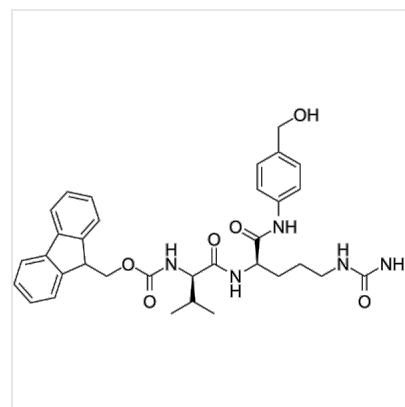
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMSO:PBS (pH 7.2)(1:1): 0.5 mg/mL DMSO: 20 mg/mL DMF: 10 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
Fmoc-D-Val-D-Cit-PAB, CAS 1350456-69-7



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ADDITIONAL INFORMATION

Related Product Information for Estradiol 17-(beta-D-Glucuronide)(sodium salt hydrate) biochemical	Estradiol 17-(beta-D-glucuronide)(E217G) is an estrogen metabolite formed in the liver and subsequently excreted in bile.1It acts as a substrate of the multidrug resistance protein 2 (MRP2; Km= 75 uM), and through MRP2-mediated transport, functions as a cholestatic agent, decreasing bile flow.1,2In addition to binding to the MRP2 transport site, E217G has been shown to bind to an allosteric site that through positive cooperativity activates its own transport via MRP2 and the transport of other MRP2 substrates, including the non-cholestatic estrogen metabolite, estradiol 3-(beta-D-glucuronide).2,3E217G has also been reported to be transported by MDR1, MRP1, MRP3, MRP4, MRP7, ABCG2 (a breast cancer resistance protein transporter), and the rat organic anion-transporting polypeptides 1-4.2
References	1. Peter D. Senter, et al. Drug conjugates and their use for treating cancer, an autoimmune disease or an infectious disease.WO2004010957A2.

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.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/estradiol-17-beta-d-glucuronide-sodium-salt-hydrate/227215>