

PBD-BODIPY biochemical

PBD-BODIPY

CATALOG #
AAA227090

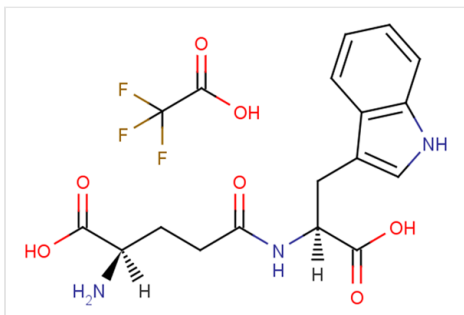
PRODUCT SYNONYMS

PBD-BODIPY; SCV 07 (TFA); Gamma-D-glutamyl-L-tryptophan (TFA); Golotimod (TFA); PBD-BODIPY biochemical

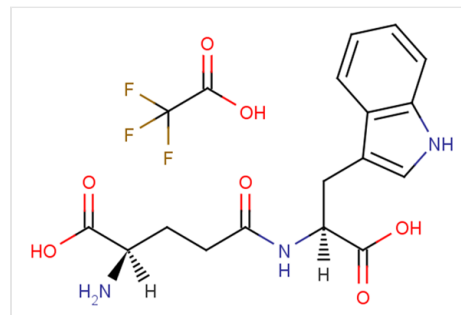
PRODUCT SPECIFICATIONS

Purity/Purification	98%
SMILES	[F][B-]([N]1C2=CC=C1/C=C/C=C/C3=CC=CC=C3[N+](C(C(C)=C4)=C2)=C4C)[F]
Formula	C21H19BF2N2
CAS	148185-52-8
Solubility	Benzene: 1 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
Golotimod (TFA)(229305-39-9 free base), CAS T11449L2



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ADDITIONAL INFORMATION

Related Product Information for PBD-BODIPY biochemical	PBD-BODIPY is a probe for the spectrophotometric measurement of autoxidation reactions. Co-autoxidation of the PBD-BODIPY signal carrier and a hydrocarbon co-substrate can be quantified by monitoring loss of absorbance at 591 nm. PBD-BODIPY has been used to measure the activity of radical-trapping antioxidants in cell-free assays. It has also been used as a fluorescent probe for the detection of epoxidation activity.
Product Categories/Family for PBD-BODIPY biochemical	Stem Cells; JAK/STAT signaling
References	- Rose WA 2nd, et al. An immunomodulating dipeptide, SCV-07, is a potential therapeutic for recurrent genital herpes simplex virus type 2 (HSV-2). Int J Antimicrob Agents. 2008 Sep;32(3):262-6. - Geiger JL, et al. The STAT3 pathway as a therapeutic target in head and neck cancer: Barriers and innovations. Oral Oncol. 2016 May;56:84-92. - Watkins B, et al. Attenuation of radiation- and chemoradiation-induced mucositis using gamma-D-glutamyl-L-tryptophan (SCV-07). Oral Dis. 2010 Oct;16(7):655-60.

NCBI AND UNIPROT INFORMATION

Molecular Weight	447.36
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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://www.aaabiotech.com/biochemical/pbd-bodipy/227090>