H-Arg-Gly-Asp-Cys-OH (trifluoroacetate salt) Biochemical | H-Arg-Gly-Asp-Cys-OH biochemical

H-Arg-Gly-Asp-Cys-OH (trifluoroacetate salt)

CATALOG #
AAA227045

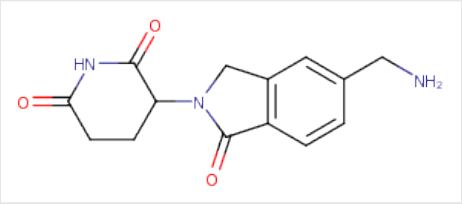
PRODUCT SYNONYMS

H-Arg-Gly-Asp-Cys-OH (trifluoroacetate salt); H-Arg-Gly-Asp-Cys-OH biochemical

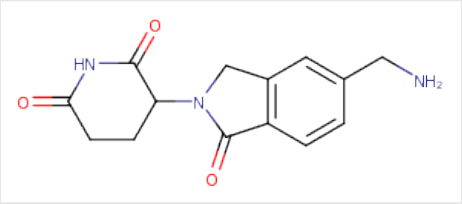
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	PBS (pH 7.2): 10 mg/mL Ethanol: 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
Lenalidomide-5-aminomethyl hydrochloride, CAS 1158264-69-7



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ADDITIONAL INFORMATION

Related Product Information for H-Arg-Gly-Asp-Cys-OH biochemical	H-Arg-Gly-Asp-Cys-OH is a tetrapeptide that contains the arginine-glycine-aspartate (RGD) motif, a sequence that acts as a recognition site for various adhesion proteins.1It inhibits the binding of fibrinogen to endothelial cells and ADP-stimulated platelets with IC50values of 320 and 35 uM, respectively.2Implantation of titanium rods coated with H-Arg-Gly-Asp-Cys-OH increases bone formation in rat femurs.3H-Arg-Gly-Asp-Cys-OH has been conjugated to polyethylenimine to improve gene transfection efficiency.4
References	1. Scheepstra M, et al. Bivalent Ligands for Protein Degradation in Drug Discovery. Comput Struct Biotechnol J. 2019;17:160-176. Published 2019 Jan 25. 2. Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. Cell Chem Biol. 2020;27(8):998-985.

NCBI AND UNIPROT INFORMATION

Molecular Weight	273.292

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.