

5-A-RU-PABC-Val-Cit-Fmoc Biochemical

5-A-RU-PABC-Val-Cit-Fmoc

CATALOG #
AAA228578

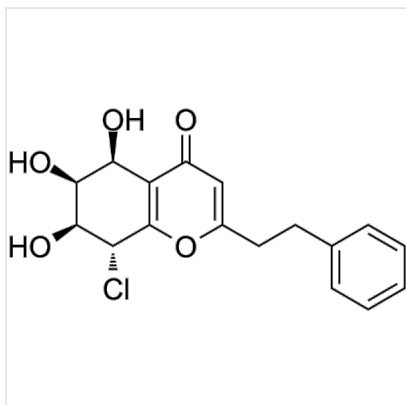
PRODUCT SYNONYMS

5-A-RU-PABC-Val-Cit-Fmoc; 5-A-RU-PABC-Val-Cit-Fmoc biochemical

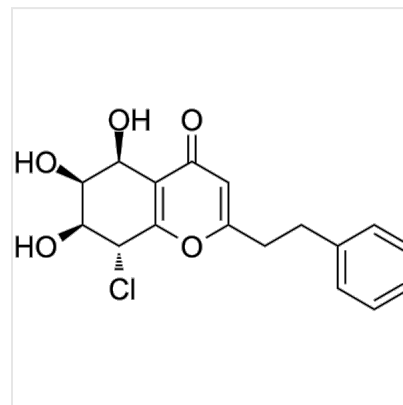
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2677841-58-4
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	When added to MAIT cell cultures, 5-A-RU-PABC-Val-Cit-Fmoc (Compound 10) induces higher levels of mucosal-associated invariant T (MAIT) cell activation than 5-A-RU alone[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
8-Chloro-2-(2-phenylethyl)-5,6,7-trihydroxy-5,6,7,8-tetrahydrochromone, CAS 626236-06-4



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ADDITIONAL INFORMATION

Related Product Information for 5-A-RU-PABC-Val-Cit-Fmoc biochemical	5-A-RU-PABC-Val-Cit-Fmoc is the prodrug of 5-A-RU. 5-A-RU, a precursor of bacterial Riboflavin, is a mucosal-associated invariant T (MAIT) cells activator. 5-A-RU forms potent MAIT-activating antigens via non-enzymatic reactions with small molecules, such as glyoxal and methylglyoxal, which are derived from other metabolic pathways[4].
References	1. Yagura T, et, al. Four new 2-(2-phenylethyl)chromone derivatives from withered wood of Aquilaria sinensis. Chem Pharm Bull (Tokyo). 2003 May;51(5):560-4.

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.