

pyCTZ TFA Biochemical | pyCTZ biochemical

pyCTZ TFA

CATALOG #
AAA227085

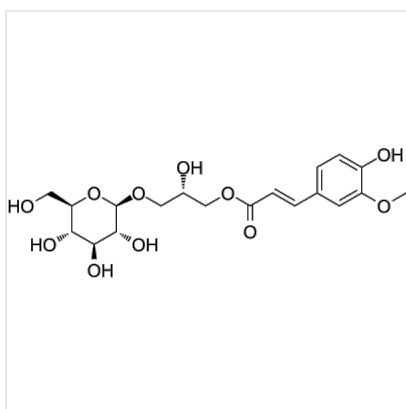
PRODUCT SYNONYMS

pyCTZ TFA; pyCTZ biochemical

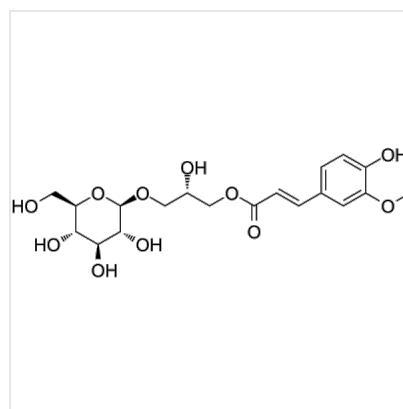
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	pyCTZ TFA is comparable to native CTZ for bioluminescence intensity when pairs with aequorin[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Regaloside F, CAS 120601-65-2



Structure
Regaloside F, CAS 120601-65-2

ADDITIONAL INFORMATION

Related Product Information for pyCTZ biochemical	pyCTZ (Pyridyl CTZ) TFA, a pyridyl Coelenterazine (CTZ) analog, and is an ATP-independent pyridyl substrate of LumiLuc luciferase. pyCTZ TFA generates strong blue bioluminescence in the presence of luciferases. pyCTZ TFA can be used for aequorin-based calcium sensing[1].
References	1. Qiu K, et, al. Protective effect of total glycosides from lily on H2O2-induced H9C2 cells mitochondrial damage and characterization of the chemical profiles by UHPLC-LTQ-Orbitrap-MSn. Journal of Functional Foods. Volume 71, August 2020.

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.