

Protease-Activated Receptor-1, PAR-1 Agonist Biochemical

Protease-Activated Receptor-1, PAR-1 Agonist

CATALOG #
AAA227659

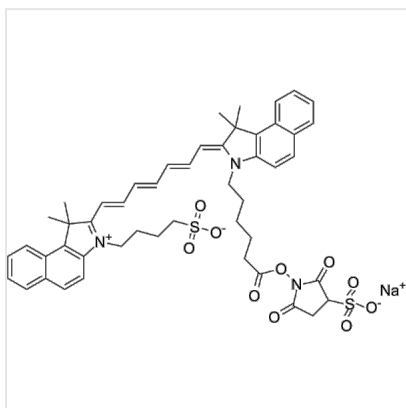
PRODUCT SYNONYMS

Protease-Activated Receptor-1; PAR-1 Agonist; PAR-1 Agonist biochemical

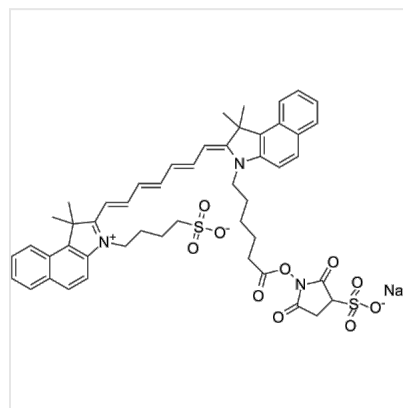
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	141136-85-8
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Protease-Activated Receptor-1, PAR-1 Agonist induces activation of protein kinase C isoenzymes alpha and epsilon in human HT-29 colon carcinoma cells expressing PAR1 endogeneously. On the cellular level, Protease-Activated Receptor-1, PAR-1 Agonist and thrombin prompted HT-29 cell migration and matrix adhesion by a PKCepsilon-dependent mechanism as concluded because of the inhibition of PAR1-mediated effects by the PKC inhibitor bisindolylmaleimide I and the PKCepsilon translocation inhibitory peptide EAVSLKPT but not by the PKC inhibitor Go 6976[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
ICG-Sulfo-OSu sodium, CAS 190714-28-4



Structure
ICG-Sulfo-OSu sodium, CAS 190714-28-4

ADDITIONAL INFORMATION

Related Product Information for Protease-Activated Receptor-1, PAR-1 Agonist biochemical	Protease-Activated Receptor-1, PAR-1 Agonist is a selective proteinase-activated receptor1 (PAR-1) agonist peptide. Protease-Activated Receptor-1, PAR-1 Agonist corresponds to PAR1 tethered ligand and which can selectively mimic the actions of thrombin via this receptor.
References	1. An S, et al. Small-molecule PROTACS: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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/protease-activated-receptor-1-par-1-agonist/227659>