

Rhod-5N AM Biochemical | Rhod-5NAM biochemical

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CATALOG #
AAA227153

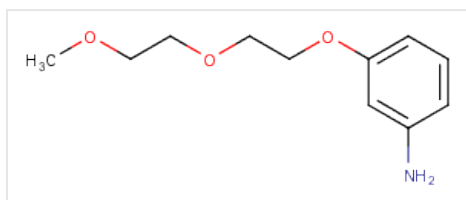
PRODUCT SYNONYMS

Rhod-5N AM; Rhod-5NAM biochemical

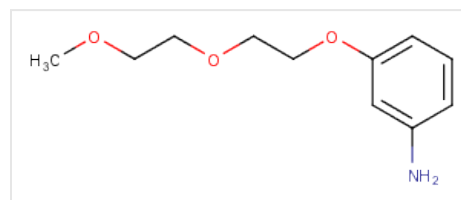
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMSO: Soluble <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
m-PEG2-O-Ph-3-NH2, CAS 126415-02-9



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ADDITIONAL INFORMATION

Related Product Information for Rhod-5NAM biochemical	Rhod-5N AM is a cell-permeant acetoxymethyl ester of the fluorescent calcium indicator rhod-5N. As rhod-5N AM enters cells, it is hydrolyzed by intracellular esterases to produce rhod-5N. Rhod-5N displays a low affinity for calcium ($K_d = 19 \mu M$). Low affinity calcium indicators are particularly useful for studying compartments with high concentrations of calcium, such as endoplasmic reticulum, where high affinity dyes will be insensitive to luminal fluctuations. Rhod-5N has excitation/emission maxima of approximately 551 and 576 nm, respectively.
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

NCBI AND UNIPROT INFORMATION

Molecular Weight	211.261
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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.