

KALA biochemical

KALA

CATALOG #
AAA227970

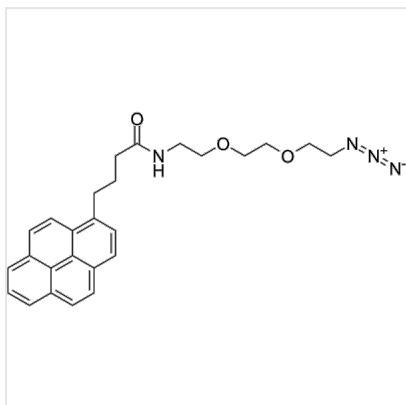
PRODUCT SYNONYMS

KALA; KALA biochemical

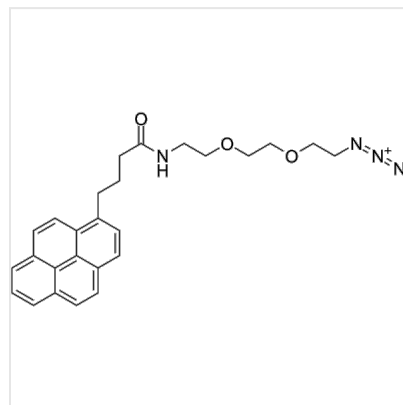
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	187987-64-0
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	When a plasmid DNA-encapsulating liposomal membrane is modified with the KALA peptide, transgene expression and immune activation are facilitated in bone marrow-derived dendritic cells (BMDCs)[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Pyrene azide 3, CAS 2252168-06-0



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ADDITIONAL INFORMATION

Related Product Information for KALA biochemical	KALA is an amphiphilic peptide that forms an alpha-helical structure at physiological pH. KALA modifies a plasmid DNA-encapsulating liposomal membrane and is used as a fusogenic peptide in order to achieve effective liver targeting and transfection of DNA via galactose receptors.
References	1. Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. Cell Chem Biol. 2020;27(8):998-1014.

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.