

Phospho-L-Arginine (lithium salt hydrate) Biochemical

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CATALOG #
AAA227341

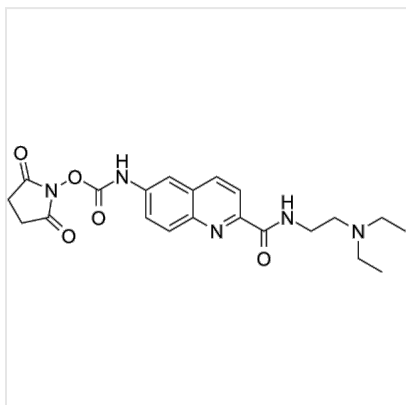
PRODUCT SYNONYMS

Phospho-L-Arginine (lithium salt hydrate); Phospho-L-Arginine (lithium salt hydrate) biochemical

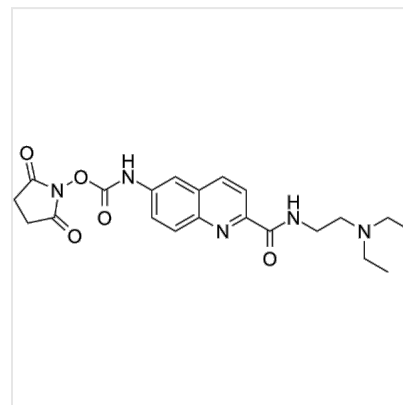
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: 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
RapiFluor-MS, CAS 1429047-69-7



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ADDITIONAL INFORMATION

Related Product Information for Phospho-L-Arginine (lithium salt hydrate) biochemical	Phospho-L-arginine is a phosphorylated form of L-arginine and a highly diffusible, high-energy metabolite and phosphagen involved in energy storage in invertebrates including crustaceans, insects, and Trypanosoma species. In the locust <i>L. migratoria</i> , phospho-L-arginine is found in the flight muscles, where it acts as both a buffer system and shuttle mechanism for high-energy phosphate. Measurement of phospho-L-arginine by ³¹ P-NMR spectroscopy has been used to study invertebrate energy metabolism in vivo.
References	1. Shiyue Zhou, et al. Direct comparison of derivatization strategies for LC-MS/MS analysis of N-glycans. <i>Analyst</i> . 2017 Nov 20;142(23):4446-4455.

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.