

6,7-Dimethyl-8-ribityllumazine Biochemical

6,7-Dimethyl-8-ribityllumazine

CATALOG #
AAA228490

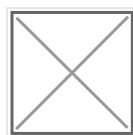
PRODUCT SYNONYMS

6; 7-Dimethyl-8-ribityllumazine; 7-Dimethyl-8-ribityllumazine biochemical

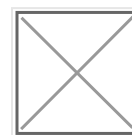
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2535-20-8
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	LumP modulates the color of light generated by bacterial luciferase only when it is complexed with 6,7-Dimethyl-8-ribityllumazine (DMRL)[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
TIE-2/VEGFR-2 kinase-IN-2, CAS 501693-48-7



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ADDITIONAL INFORMATION

Related Product Information for 6,7-Dimethyl-8-ribityllumazine biochemical	6,7-Dimethyl-8-ribityllumazine is a direct biosynthetic precursor of Riboflavin (RBF; HY-B0456). 6,7-Dimethyl-8-ribityllumazine is a noncovalently bound fluorophore of Lumazine protein (LumP), which is a fluorescent accessory protein.
References	1. Yasushi Miyazaki, et al. Orally active 4-amino-5-diarylurea-furo[2,3-d]pyrimidine derivatives as anti-angiogenic agent inhibiting VEGFR2 and Tie-2. Bioorg Med Chem Lett. 2007 Mar 15;17(6):1773-8.

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.