

Lys-Nepsilon-SPDB-DM4 Biochemical

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CATALOG #
AAA227571

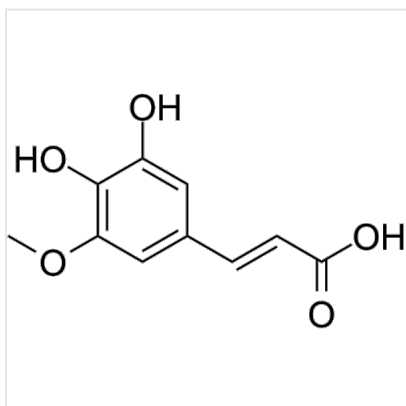
PRODUCT SYNONYMS

Lys-Nepsilon-SPDB-DM4; Lys-Nepsilon-SPDB-DM4 biochemical

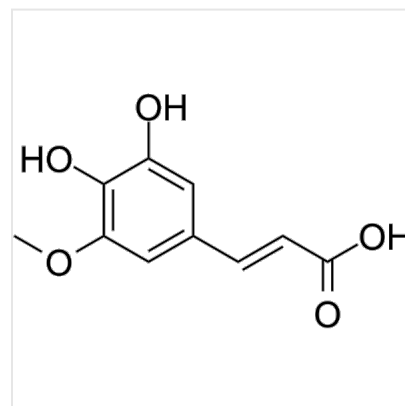
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1280215-91-9
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
5-Hydroxyferulic acid, CAS 1782-55-4



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ADDITIONAL INFORMATION

Related Product Information for Lys-Nepsilon-SPDB-DM4 biochemical	Lys-Nepsilon-SPDB-DM4 is a drug-linker conjugate composed of a potent a tubulin inhibitor DM4 and a linker Lys-Nepsilon-SPDB to make antibody drug conjugate (ADC).
References	1. K Parvathi, et al. Substrate Preferences of O-methyltransferases in Alfalfa Suggest New Pathways for 3-O-methylation of Monolignols. Plant J. 2001 Jan;25(2):193-202. 2. S Maury, et al. Tobacco O-methyltransferases Involved in Phenylpropanoid Metabolism. The Different Caffeoyl-Coenzyme A/5-hydroxyferuloyl-coenzyme A 3/5-O-methyltransferase and Caffeic acid/5-hydroxyferulic Acid 3/5-O-methyltransferase Classes Have Distinct Substrate Specificities and Expression Patterns. Plant Physiol. 1999 Sep;121(1):215-24. 3. Inoue, et al. Substrate Preferences of Caffeic acid/5-hydroxyferulic Acid 3/5-O-methyltransferases in Developing Stems of Alfalfa (Medicago Sativa L.). Arch Biochem Biophys. 2000 Mar 1;375(1):175-82.

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/lys-nepsilon-spdb-dm4/227571>