

Biotinyl tyramide Biochemical

Biotinyl tyramide

CATALOG #
AAA210699

PRODUCT SYNONYMS

Biotinyl tyramide; Biotinyl tyramide biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	>98%
Solubility	DMSO
Formula	C ₁₈ H ₂₅ N ₃ O ₃ S
SMILES	<chem>OC1=CC=C(CCNC(CCCC[C@H]2[C@](NC(N3)=O)([H])[C@]3([H])CS2)=O)C=C1</chem>
CAS Number	41994-02-9
Preparation and Storage	Store at -20 degree C for 3 years (powder form); at -20 degree C for 6 months (Solution base)

ADDITIONAL INFORMATION

Related Product Information for Biotinyl tyramide biochemical

Biotinyl tyramide is a reagent used for tyramide signal amplification (TSA) via catalyzed reporter deposition (CARD). In CARD, a reporter enzyme, such as horseradish peroxidase (HRP) conjugated to a secondary antibody, is bound to the target of interest and catalyzes the covalent deposition of biotinyl tyramide to the sample. The sample is then probed by a detector, such as streptavidin-HRP, allowing detection via chromogenic or fluorescent methods. Biotinyl tyramide has been used in immunohistochemistry, ELISA, Western blot, and in situ hybridization applications.

NCBI AND UNIPROT INFORMATION

Molecular Weight	363.48
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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.

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Online datasheet: <https://www.aaabiotech.com/biochemical/biotinyl-tyramide/210699>