

Biotin TSA (200×)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from direct sunlight
Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Biotin TSA (200×) (Biotin Tyramide) is a biotin derivative utilized for tyramide signal amplification in immunohistochemistry and in situ hybridization experiments. It serves as an important tool in research focused on enhancing tyramide signal amplification.
Targets(IC50)	Others
In vitro	Biotinyl tyramide (100 μM, 5min) and hemin demonstrated the g4-specific biotinylation activity of the RNA-hemin complex in vitro, leading to enhanced biotinylation in starved U2OS cells [6]. In HaCaT wild-type cells or CRISPR-modified dual oxidase 1 (DUOX1) knockout cells, biotinyl tyramide (27.5 μM, 5min) binds to the tyrosine side chains of cell surface proteins.

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