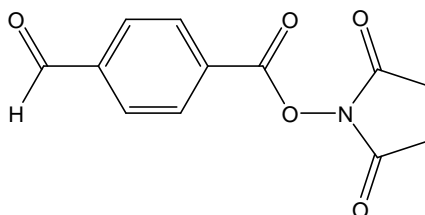


Product Data Sheet/Certificate of Analysis

S-4FB (succinimidyl 4-formylbenzoate)

Storage: Store desiccated at or below room temperature



$C_{12}H_9NO_5$; Mol. Wt 247.2

Catalog Number:	S-1004	Unit Size:	
Lot Number:		Components:	S-4FB

Test	Specification	Result
Appearance (color)	White	
Appearance (form)	Solid	
Purity (1H NMR)	> 90%	
TLC: Hexanes/ethyl acetate (1:1)	Single spot Rf 0. 53	
Solubility	>50mg/mL in DMF	

QC Release Date	Expiration Date:
Released By:	

Product Description

S-4FB (SFB) is a heterobifunctional linker that reacts with primary amines on biomolecules and converts them to 4-formylbenzamide (4-FB) moieties. Formylbenzamide-modified biomolecules form stable bis-aryl hydrazone conjugates on reaction with HyNic-modified biomolecules. 4FB groups incorporated on biomolecules and surfaces are stable for >2 months.

Comments

Store under inert atmosphere desiccated. Not for internal or external use in humans.

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