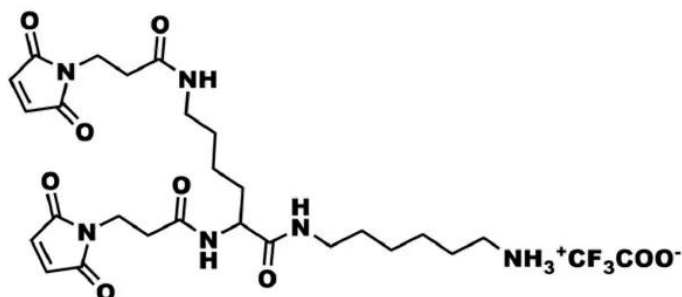


BIS-MALEIMIDE AMINE,TFA SALT

SKU: QBD-10232



Bis-Maleimide amine, TFA salt, product number QBD-10232, is a crosslinking product designed to bridge disulfide bonds. Built around a lysine core, maleimido-propanoate modifies both the α and ϵ amino groups of lysine. Diaminohexane converts the carboxylic acid of lysine to an amine (as a TFA salt). This is not a dPEG® product; however, it can react with the carboxylic acid termini of dPEG® products to form new products.

Description

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Bis-Maleimide amine, TFA salt, is designed to bridge disulfide bonds. The spacer length from maleimide reactive site through the α -amino group to the terminal amine-TFA salt is 17 atoms and 19.1 Å. The spacer length from the maleimide double bond through the ϵ -amino group to the terminal amine-TFA salt is 21 atoms and 19.6 Å.

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Specifications

Unit Size	100 mg, 1000 mg
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For research use only. Not intended for animal or human therapeutic or diagnostic use.

Molecular Weight	660.64; single compound
Chemical formula	C ₂₈ H ₃₉ F ₃ N ₆ O ₉
CAS	1301738-40-8
Purity	> 95%
Spacers	Spacer is 17 and 21 atoms and 19.1 and 19.6 Å
Shipping	Ambient
Typical solubility properties (for additional information contact Customer Support)	DMAC, DMSO or water.
Storage and handling	-20°C; Always let come to room temperature before opening; be careful to limit exposure to moisture and restore under an inert atmosphere; stock solutions can be prepared with dry solvent and kept for several days (freeze when not in use). dPEG® pegylation compounds are generally hygroscopic and should be treated as such. This will be less noticeable with liquids, but the solids will become tacky and difficult to manipulate, if care is not taken to minimize air exposure.

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