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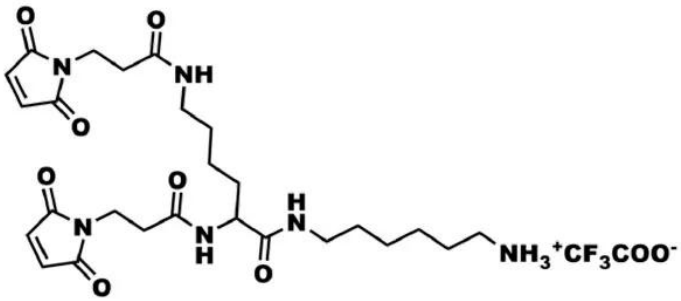
BIS-MALEIMIDE AMINE,TFA SALT

SKU: QBD-10232



DESCRIPTION

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 groups modify the α and ε amine 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.

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

CAS Number	1301738-40-8
Molecular Weight	660.64; single compound

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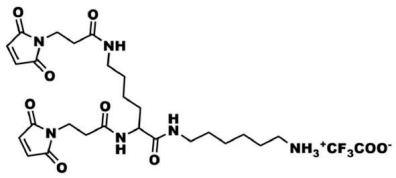
Chemical Formula	$C_{28}H_{39}F_3N_6O_9$
Purity	> 95%
Unit Size	100 mg, 1000 mg
Solubility	DMAC, DMSO or water.
Spacers	Spacer is 17 and 21 atoms and 19.1 and 19.6 Å
Storage Instructions	-20°C; Always let come to room temperature before opening; be careful to limit exposure to moisture and restore under 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.
Shipping Instructions	Ambient

DOCUMENTS

- Safety Data Sheet
- Datasheet

GALLERY IMAGES



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