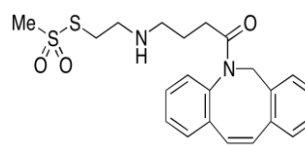


MTSEA-Chloride

Product Description

Name :	MTSEA-DBCO Methanesulfonylthioic Acid S-(2-Aminoethyl) Ester-DBCO
Catalog Number :	0C3640 , 1mg 0C3642 , 5mg
Properties:	MW = 428.57 g/mol ⁻¹
Storage:	-20°C ^(M) Under Inert Atmosphere Protect from light and moisture

Structure :



• Applications

MTSEA-DBCO is a cyclooctyne group attached to the positively charged MTS reagent MTSEA (A609150). The MTSEA group reacts specifically and rapidly with thiols to form mixed disulfides. The DBCO group is partner for click reactions with Azides.

Handling and Storage

Allow to reach room temperature before opening.
Moisture sensitive.

Guidelines for use

• **Protocols** may be found in the literature.

References

Xu, M. & Akabus, M.H.: J. Biol. Chem., 268, 21505 (1993),
 Duhten, R.L., et al.: Biochemistry, 32, 3139 (1993),
 Yang, N. et al.: Neuron, 16, 113 (1996),
 Kuner, T. et al.: Neuron, 17, 343 (1996)
 Frillingos, S., & Kaback, H.R.: Biochem., 35, 3950 - 3956 (1996)

FT- 0C3640

Related / associated products and documents

*see associated or related products using [e-search tool](#):

[FT-996180](#) MTSEA and other charged, uncharged, spin-labeled MTS reagents #996180 (sulfhydryl reactive reagents)

*see [Product Highlights](#), [BioSciences Innovations Catalogue](#)^{C27}, [Interchim BioScience Web](#).

WB other [Crosslinkers and modifiers](#)

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