

Catalogue Number	Product	Order number / Unit
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5149 6-O-Tosyloxyethyl-CBT**Precursor for [¹⁸F]-labeling of N-terminal cysteine-bearing peptides and proteins****Molar Mass:** 374.44C₁₇H₁₄N₂O₄S₂

[1392498-16-6]

Colourless to yellowish solid packaged in dark glass screw cap vials.

Purity: > 95 %**Certificates:**CoA; ¹H and ¹³C NMR spectra**Chemical Name:**

CA index name: 2-Benzothiazolecarbonitrile, 6-[2-[[[(4-methylphenyl)sulfonyl]oxy]ethoxy]-

Synonymes:

2-(2-cyanobenzothiazol-6-yloxy) 4-methylbenzenesulfonate; TE-CBT

Literature:Ren H. et al. A biocompatible condensation reaction for the labeling of terminal cysteine residues on proteins. *Angew. Chem. Int. Ed.* 2009, 48, 9658-9662.Jeon J. et al. Efficient method for site-specific ¹⁸F-labeling of biomolecules using the rapid condensation reaction between 2-cyanobenzothiazole and cysteine. *Bioconjugate Chem.* 2012, 23, 1902 - 1908.Godinat A. et al. A biocompatible in vivo ligation reaction and its application for noninvasive bioluminescent imaging of protease activity in living mice. *ACS Chem. Biol.* 2013, 8, 987-999.5149.0002: 2 mg per vial
Please inquire for customized filling and bulk quantities.