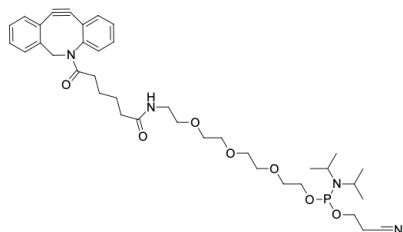


DBCO-TEG-phosphoramidite

<http://www.lumiprobe.com/p/dbco-teg-phosphoramidite>

DBCO-PEG4-phosphoramidite with a triethylene glycol spacer arm for synthesis of oligonucleotides with dibenzo-cyclooctyne (DBCO) at the 5' end. DBCO-modified oligos may be conjugated with azides via copper-free click chemistry.



Structure of DBCO-TEG-phosphoramidite

General properties

Appearance: white paste

Molecular weight: 708.84

CAS number: 1527468-08-1

Molecular formula: C₃₈H₅₃N₄O₇P

Solubility: acetonitrile, DMSO, DMF, DCM

Quality control: NMR ¹H and ³¹P (95 %)

Storage conditions: 12 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.