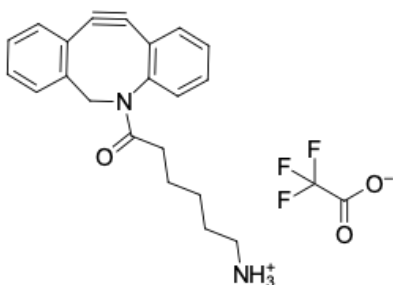


DBCO-amine trifluoroacetate

<http://cn.lumiprobe.com/p/dbco-amine>

Bifunctional linker containing dibenzocyclooctyne (DBCO, ADIBO) for strain-promoted copper-free click reaction (SPAAC) and free amine for the coupling with various electrophilic compounds like activated esters and epoxides.

Dibenzocyclooctyne (ADIBO, DBCO) is one of the most reactive cycloalkynes for strain-promoted alkyne azide cycloaddition (SPAAC) – a copper-free click chemistry reaction. DBCO reacts instantly with azides. The reaction rate is much higher than that of copper-catalyzed reaction, and reactions with many other cyclooctynes. Unlike some other cyclooctynes, DBCO does not react with tetrazines.



外观

分子 432.44

子量

分子式 $C_{23}H_{23}F_3N_2O_3$

式

溶解度

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质量控制

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储存条件

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法

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