

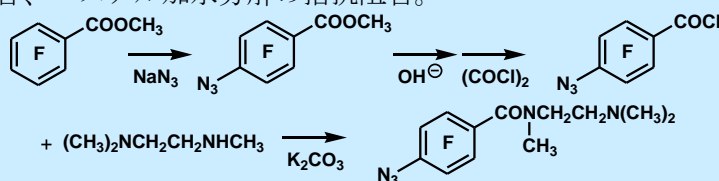
## Methyl Pentafluorobenzoate

(ペンタフルオロ安息香酸メチルエステル)



Purity	97%
CAS Number	36629-42-2
Molecular Formula	C <sub>8</sub> H <sub>3</sub> F <sub>5</sub> O <sub>2</sub>
Molecular Weight	226.1

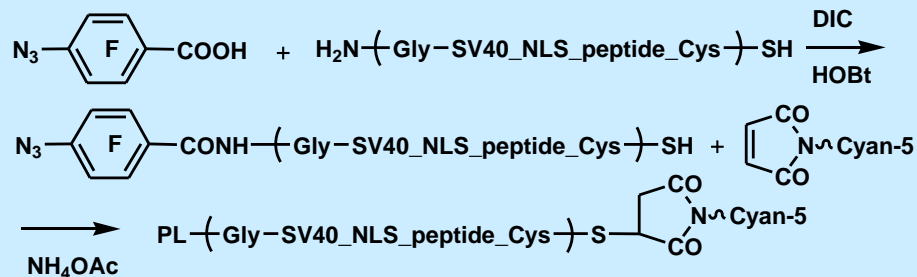
光親和性標識(Photoaffinity Labeling; PL)に用いる 2-(N,N-ジメチルアミノ)エチル 4-アジドテトラフルオロ安息香酸アミドの原料。キモトリプシンと結合、エステル加水分解の拮抗阻害。



*Bioconjugate Chem., Vol.4, p256-261, 1993*

### Application

蛋白質の N 末端に Photoaffinity Label; 4-アジドテトラフルオロ安息香酸を、C 末端に Cyanine 5 色素を結合させた PL-Protein-Cyan 5 を調製。UV 光でプラスミド DNA に結合。蛍光による DNA ナノ粒子の追跡法。



*Angw. Chem. Int. Ed. Engl., 1995, 34, p1296-1312, Review*

*Analytic. Biochem., received July 27 2020, by N.A.Delvaux, in press*

### Properties:

Appearance	Liquid
Boiling point, °C	180
Flash point, °C	78

### Packing:

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### UN, PG:

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