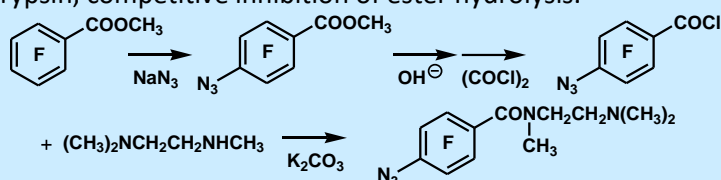


## Methyl Pentafluorobenzoate

### C<sub>6</sub>F<sub>5</sub>COOCH<sub>3</sub>

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

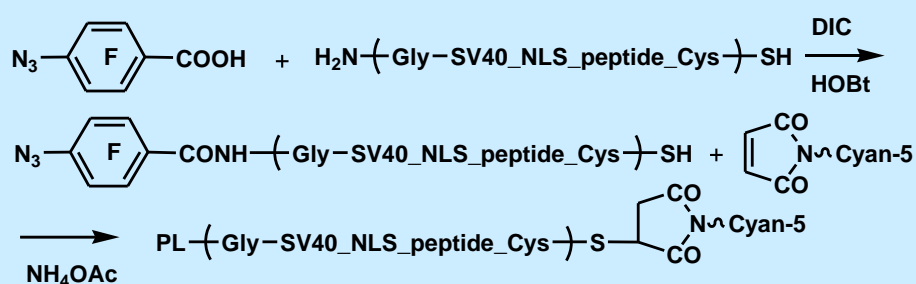
1. Raw material of 2-(N,N-dimethylamino)ethyl 4-azidotetrafluorobenzoic acid amide that can be used for photoaffinity labeling (PL). Binding to chymotrypsin, competitive inhibition of ester hydrolysis.



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

### Application

2. PL-Protein-Cyan 5 was prepared by binding Photoaffinity Label; 4-azidotetrafluorobenzoic acid to the N-terminus of the protein and Cyanine 5 dye to the C-terminus. Binds to plasmid DNA with UV light. Fluorescent tracking of DNA nanoparticles.



*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: -

UN, PG: -