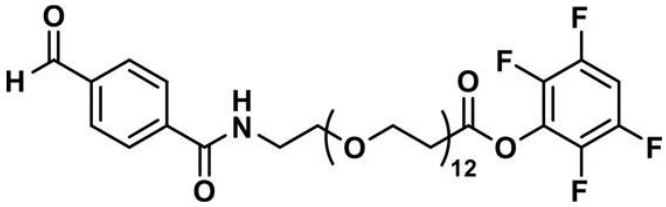
www.vectorlabs.com
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# 4-FORMYL-BENZAMIDO-DPEG®$_{12}$-TFP ESTER

**SKU:** QBD-10081



## DESCRIPTION

4-formyl-benzamido-dPEG®12-TFP ester, product number QBD-10081, is useful for introducing an aryl aldehyde into a peptide, protein, or other biomolecules. The 2,3,5,6-tetrafluorophenyl (TFP) ester end reacts with free amines, while the flexible, non-immunogenic, discrete PEG (dPEG®) spacer adds water solubility to the conjugate. Reacting the aldehyde moiety with a hydrazide or aminooxy reactive group forms hydrazone or oxime bonds, respectively.

## SPECIFICATIONS

| | |
|---|---|
| **CAS Number** | N/A |
| **Molecular Weight** | 897.90; single compound |
| **Chemical Formula** | $C_{41}H_{59}F_4NO_{16}$ |
| **Purity** | > 98% |
| **Unit Size** | 100 mg, 1000 mg |
| **Solubility** | DMF, DMAC, or DMSO. |
| **Spacers** | dPEG® Spacer is 46 atoms and 49.3 Å |

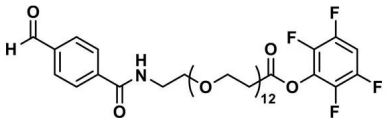
**For research use only. Not intended for therapeutic or diagnostic use in animals or humans.**

| | |
|---|---|
| **Storage Instructions** | -20°C; Always let come to room temperature before opening; be careful to limit exposure to moisture and restore under an inert atmosphere; stock solutions can be prepared with dry solvent and kept for several days (freeze when not in use). dPEG® pegylation compounds are generally hygroscopic and should be treated as such. This will be less noticeable with liquids, but the solids will become tacky and difficult to manipulate, if care is not taken to minimize air exposure. |
| **Shipping Instructions** | Ambient |

# DOCUMENTS

- Safety Data Sheet
- Datasheet

# GALLERY IMAGES



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