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## Product Datasheet

### FAAzo4, CAS [[1882060-21-0]] FBM-10-4942

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Artikelname              | FAAzo4, CAS [[1882060-21-0]]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Artikelnummer            | FBM-10-4942                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Hersteller Artikelnummer | 10-4942                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Alternativnummer         | FBM-10-4942-5MG,FBM-10-4942-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Produktbeschreibung      | Photoswitchable fatty acid...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Molekulargewicht         | 324.42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reinheit                 | >98% by HPLC NMR (conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Formulierung             | Yellow / orange solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CAS Nummer               | [1882060-21-0]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formel                   | C20H24N2O2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Anwendungsbeschreibung   | FAAzo4 is a photoswitchable fatty acid that cells rapidly incorporate into membrane phosphatidylcholine (PC) and phosphatidylethanolamine(PE) residues, mainly in the endoplasmic reticulum (ER). These photoswitchable membrane fatty acids allow for photoisomerization (trans-cis) leading to changes in membrane viscosity. FAAzo4-treated cells displayed altered ER export for the proteins m-Cherry-TNFalpha and EGFP-GPI. An interesting new method for manipulating membrane biophysical properties in living cells. |