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## Product Datasheet

### Lysophosphatidic acid (Oleyl form), CAS [[325465-93-8]] FBM-10-1449

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| Article Name               | Lysophosphatidic acid (Oleyl form), CAS [[325465-93-8]]                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Biozol Catalog Number      | FBM-10-1449                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Supplier Catalog Number    | 10-1449                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Alternative Catalog Number | FBM-10-1449-5MG,FBM-10-1449-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Description        | Endogenous LPA receptor agonist...                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Molecular Weight           | 458.51                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity                     | 98% by TLC, NMR (conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Form                       | white solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CAS Number                 | [325465-93-8]                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formula                    | C21H40O7P                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Application Notes          | A multifunctional intercellular bioactive phospholipid <sup>1</sup> . Stimulates the growth of a variety of cells including fibroblasts, vascular smooth muscle cells, endothelial cells and keratinocytes among others <sup>1</sup> . Acts as a proliferative and anti-apoptotic factor <sup>2</sup> . Agonist at LPA1 (EDG-2), LPA2 (EDG-4) and LPA3 (EDG-7) receptors <sup>3</sup> . LPA-primed astrocytes induce axonal outgrowth of cortical progenitors <sup>4</sup> . |