

## 1,2-Dimyristoyl-sn-Glycero-3-phosphatidylglycerol (D54)

**Catalog Number:** LP-2731

**CAS Number:** 746595-58-4

**Price:** [Online Inquiry](#)

| Catalog Number | Price                          |
|----------------|--------------------------------|
| LP-2731        | <a href="#">Online Inquiry</a> |

| Product Information |                                                                                                                                                                                                                                                                                                                                  |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Formula   | C34H13D54O10P                                                                                                                                                                                                                                                                                                                    |
| Molecular Weight    | 721.2                                                                                                                                                                                                                                                                                                                            |
| Purity              | >98%                                                                                                                                                                                                                                                                                                                             |
| SMILES              | O=C(OCC(OC(=O)CCCCCCCCCCCCC)COP(=O)(O)OCC(O)CO)CCCCCCCCCCCCC                                                                                                                                                                                                                                                                     |
| InChi               | InChI=1S/C34H67O10P/c1-3-5-7-9-11-13-15-17-19-21-23-25-33(37)41-29-32(30-43-45(39,40)42-28-31(36)27-35)44-34(38)26-24-22-20-18-16-14-12-10-8-6-4-2/h31-32,35-36H,3-30H2,1-2H3,(H,39,40)/t31?,32-/m1/s1/i1D3,2D3,3D2,4D2,5D2,6D2,7D2,8D2,9D2,10D2,11D2,12D2,13D2,14D2,15D2,16D2,17D2,18D2,19D2,20D2,21D2,22D2,23D2,24D2,25D2,26D2 |
| InChi Key           | InChIKey=BPHQZTVXXXJVHI-XRMXURLRSA-N                                                                                                                                                                                                                                                                                             |
| Appearance          | Solid                                                                                                                                                                                                                                                                                                                            |
| IUPAC Name          | Tetradecanoic-d27 acid,<br>(1R)-2-[[[(2,3-dihydroxypropoxy)hydroxyphosphinyl]oxy]methyl]-1,2-ethanediyl ester                                                                                                                                                                                                                    |

| Properties         |         |
|--------------------|---------|
| Storage Conditions | Freezer |