

Product Datasheet

1-Arachidoyl Lysophosphatidic Acid sodium (orb1979986)

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|------------------------|--|
| Catalog Number | orb1979986 |
| Category | Small Molecules |
| Description | 1-Arachidoyl LPA is a specific LPA1 receptor agonist that induces calcium mobilization in human lung fibroblasts (EC50=3.6 μM) and binds PPARγ in vitro. This bioactive lipid, found in human urine, is a valuable tool for studying lysophospholipid signaling in fibrosis, inflammation, and metabolic research. |
| MW | 488.57 |
| Formula | C ₂₃ H ₄₆ O ₇ P.Na |
| SMILES | O=C(OC[C@@H](O)COP(O)([O-])=O)CCCCCCCCCCCCCCCCCC.[Na+] |
| Storage | -20°C |
| Note | For research use only |
| Expiration Date | 12 months from date of receipt. |

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