

## Product Data Sheet

|                                                                        |                                                                                                                     |              |                  |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------|------------------|
| Cas No.:                                                               | 1356347-42-6                                                                                                        | Cat. No:     | PC54400          |
| Product Name:                                                          | Prostaglandin E2-d9                                                                                                 |              |                  |
| Product synonym:                                                       | -                                                                                                                   |              |                  |
| Chemical name:                                                         | Prostaglandin E2-d9                                                                                                 |              |                  |
| MF:                                                                    | C20H32O5                                                                                                            | FW:          | 361.520542144775 |
| Purity:                                                                | ≥95%                                                                                                                | Batch No.:   | -                |
| Storage:                                                               |                                                                                                                     |              |                  |
| Structural formula:                                                    |                                                                                                                     |              |                  |
| λmax:                                                                  | -                                                                                                                   | Formulation: | -                |
| Solubility :                                                           |                                                                                                                     |              |                  |
| SMILES :                                                               | [C@@H]1(O)CC(=O)[C@H](C/C=C\CCCC(O)=O)[C@H]1/C=C/[C@@H](O)CC([2H])([2H])C([2H])([2H])C([2H])([2H])C([2H])([2H])[2H] |              |                  |
| InChI Code:                                                            | -                                                                                                                   |              |                  |
| InChI Key:                                                             |                                                                                                                     |              |                  |
| <p><b>WARNING</b> This product is not for human or veterinary use.</p> |                                                                                                                     |              |                  |

## Product Description

|                               |                                                         |                                                            |
|-------------------------------|---------------------------------------------------------|------------------------------------------------------------|
| Application Mass Spectrometry | Product Type Biochemicals Analytical Standards          | Product Type Biochemicals Isotopically Labeled             |
| Standards Deuterium           | Product Type Biochemicals Lipids Prostaglandins         | Research Area Immunology & Inflammation Inflammatory Lipid |
| Mediators Prostaglandins      | Research Area Lipid Biochemistry Cyclooxygenase Pathway |                                                            |