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|---|---|---|
| **Product Name** | : | Aplindore Fumarate |
| **Synonyms** | : | —— |
| **Cat No.** | : | M34505 |
| **CAS Number** | : | 189681-71-8 |
| **Molecular Formula** | : | C22H22N2O7 |
| **Formula Weight** | : | 426.42 |
| **Chemical Name** | : | —— |
| **Description** | : | Aplindore Fumarate (DAB-452) is a small molecule dopamine D2 receptor partial agonist.Aplindore Fumarate exhibits high affinity for dopamine D2 and D3 receptors, and low affinity for dopamine D4, 5-hydroxytryptophan (5-HT2), and α1-adrenergic receptors.Aplindore Fumarate is used in the study of Parkinson's disease and schizophrenia. Fumarate can be used to study Parkinson's and schizophrenia. |
| **Pathway** | : | GPCR/G Protein |
| **Target** | : | Dopamine Receptor |
| **Receptor** | : | Dopamine Receptor \| 5-HT Receptor \| Adrenergic Receptor |
| **Solubility** | : | —— |
| **SMILES** | : | C(=C/C(O)=O)\C(O)=O.C(NCC1=CC=CC=C1)[C@@H]2OC=3C4=C(C=CC3OC2)NC(=O)C4 |
| **Storage** | : | (-20℃) |
| **Stability** | : | ≥ 2 years |
| **Reference** | : | |

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