

Product Datasheet

β2AR/M-receptor agonist-1 (orb1982697)

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| Catalog Number | orb1982697 |
| Category | Small Molecules |
| Description | β2AR/M-receptor agonist-1 (Example 131) is a dual-acting MABA compound with potent β2 adrenoceptor agonist (EC50 = 9.2 nM) and muscarinic receptor antagonist (Ki = 30.2 nM) activity. It is a valuable research tool for investigating bronchodilation mechanisms in respiratory disease models, both in vitro and in vivo. |
| Target | Adrenergic Receptor,AChR,Others |
| MW | 806.82 |
| CAS Number | 2230520-62-2 |
| Formula | C ₄₃ H ₅₆ BrN ₃ O ₇ |
| SMILES | [Br-].O[C@H](CNCCCOc1ccc(OCCC[N+]23CCC(CC2)[C@@H](C3)OC[C@@](O)(C2CCC2)c2cccc2)cc1)c1ccc(O)c2[nH]c(=O)ccc12 |
| Storage | -20°C |
| Note | For research use only |
| Expiration Date | 12 months from date of receipt. |

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