

Product Datasheet

TLR7/8 agonist 6 (orb1687862)

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|------------------------|---|
| Catalog Number | orb1687862 |
| Category | Small Molecules |
| Description | This small molecule is an imidazoquinoline-based TLR7/8 agonist, exhibiting potent activity with IC50 values of 0.18 µM for TLR7 and 5.34 µM for TLR8. It serves as a valuable research tool for studying innate immune signaling in vitro and for investigating immunomodulatory pathways in preclinical models. |
| Target | TLR |
| Purity | 99.99% (May vary between batches) |
| MW | 417.5 |
| CAS Number | 2115702-83-3 |
| Formula | C ₂₄ H ₂₇ N ₅ O ₂ |
| SMILES | <chem>O=C(OC)C=1C=CC2=C(N=C(N)C=3N=C(N(C32)CC4=CC=C(C=C4)CN)CCCC)C1</chem> |
| Storage | -20°C |
| Note | For research use only |
| Expiration Date | 12 months from date of receipt. |

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