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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>      | : CZC-25146 hydrochloride                                                                                                              |
| <b>Synonyms</b>          | : —                                                                                                                                    |
| <b>Cat No.</b>           | : M19921                                                                                                                               |
| <b>CAS Number</b>        | : 1330003-04-7                                                                                                                         |
| <b>Molecular Formula</b> | : C <sub>22</sub> H <sub>26</sub> ClFN <sub>6</sub> O <sub>4</sub> S                                                                   |
| <b>Formula Weight</b>    | : 525                                                                                                                                  |
| <b>Chemical Name</b>     | : —                                                                                                                                    |
| <b>Description</b>       | : CZC-25146 is a selective LRRK2 inhibitor with IC <sub>50</sub> of 4.76 nM/6.87 nM for wild type LRRK2 and G2019S LRRK2 respectively. |
| <b>Pathway</b>           | : Autophagy                                                                                                                            |
| <b>Target</b>            | : LRRK2                                                                                                                                |
| <b>Receptor</b>          | : LRRK2 (G2019S) LRRK2 (WT)                                                                                                            |
| <b>Solubility</b>        | : DMSO: 15 mg/mL                                                                                                                       |
| <b>SMILES</b>            | : Cl.COC1cc(ccc1Nc1ncc(F)c(Nc2ccccc2NS(C)(=O)=O)n1)N1CCOCC1                                                                            |
| <b>Storage</b>           | : (-20°C)                                                                                                                              |
| <b>Stability</b>         | : ≥ 2 years                                                                                                                            |
| <b>Reference</b>         | :                                                                                                                                      |

1.Ramsden N et al. Chemoproteomics-based design of potent LRRK2-selective lead compounds that attenuate Parkinson's disease-related toxicity in human neurons. ACS Chem Biol. 2011 Oct 21;6(10):1021-8.