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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>      | : Protein kinase inhibitors 1 hydrochlorid                                                                                  |
| <b>Synonyms</b>          | : —                                                                                                                         |
| <b>Cat No.</b>           | : M19477                                                                                                                    |
| <b>CAS Number</b>        | : <input type="checkbox"/>                                                                                                  |
| <b>Molecular Formula</b> | : C <sub>18</sub> H <sub>18</sub> ClN <sub>5</sub> O <sub>3</sub> S                                                         |
| <b>Formula Weight</b>    | : 419.88                                                                                                                    |
| <b>Chemical Name</b>     | : —                                                                                                                         |
| <b>Description</b>       | : Protein kinase inhibitors 1 is a novel inhibitor of HIPK2 with an IC <sub>50</sub> of 74 nM and K <sub>d</sub> of 9.5 nM. |
| <b>Pathway</b>           | : Others                                                                                                                    |
| <b>Target</b>            | : Other Targets                                                                                                             |
| <b>Receptor</b>          | : HIPK2                                                                                                                     |
| <b>Solubility</b>        | : DMSO:30 mg/mL (71.45 mM)Need ultrasonic                                                                                   |
| <b>SMILES</b>            | : Cl.O=C1NC(=O)C(S1)=Cc1c[nH]c(=O)c(c1)-c1ccc(nc1)N1CCNCC1                                                                  |
| <b>Storage</b>           | : (-20°C)                                                                                                                   |
| <b>Stability</b>         | : ≥ 2 years                                                                                                                 |
| <b>Reference</b>         | :                                                                                                                           |

1.Miduturu CV et al. High-throughput kinase profiling: a more efficient approach toward the discovery of new kinaseinhibitors. Chem Biol. 2011 Jul 29;18(7):868-79.