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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>      | : iKIX1                                                                                                                                                                                                              |
| <b>Synonyms</b>          | : —                                                                                                                                                                                                                  |
| <b>Cat No.</b>           | : M22638                                                                                                                                                                                                             |
| <b>CAS Number</b>        | : 656222-54-7                                                                                                                                                                                                        |
| <b>Molecular Formula</b> | : C <sub>10</sub> H <sub>8</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>5</sub>                                                                                                                                       |
| <b>Formula Weight</b>    | : 303.16                                                                                                                                                                                                             |
| <b>Chemical Name</b>     | : —                                                                                                                                                                                                                  |
| <b>Description</b>       | : iKIX1 is an Pdr1-dependent gene activation. It re-sensitizes drug-resistant <i>C. glabrata</i> to azole antifungals in vitro and in animal models for disseminated and urinary tract <i>C. glabrata</i> infection. |
| <b>Pathway</b>           | : Microbiology/Virology                                                                                                                                                                                              |
| <b>Target</b>            | : Antifungal                                                                                                                                                                                                         |
| <b>Receptor</b>          | : Antifungal                                                                                                                                                                                                         |
| <b>Solubility</b>        | : —                                                                                                                                                                                                                  |
| <b>SMILES</b>            | : <chem>Clc1ccc(NC(=S)NNC(=O)CC#N)cc1Cl</chem>                                                                                                                                                                       |
| <b>Storage</b>           | : (-20°C)                                                                                                                                                                                                            |
| <b>Stability</b>         | : ≥ 2 years                                                                                                                                                                                                          |
| <b>Reference</b>         | :                                                                                                                                                                                                                    |

1.Joy L Nishikawa, et al.Inhibiting fungal multidrug resistance by disrupting an activator-Mediator interaction. Nature. 2016 Feb 25;530(7591):485-9.