



## Product Information

### Antifection inhibitor VX-787, Purity $\geq 98\%$

**Cat. No.:** X24-07-ZQ027

**Size:** 5 mg; 10 mg; 50 mg

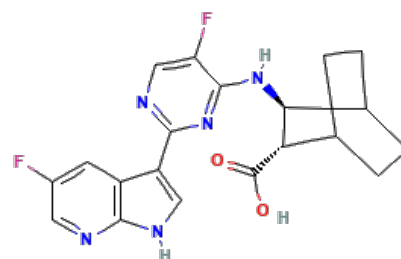
**CAS Number:** 1629869-44-8

**Compound CID:** 67286591

**Synonym:** 1629869-44-8; Antifection inhibitor; VX787; JNJ-872; JNJ 872; JNJ872;

VRT-0928787

**This product is for research use only and is not intended for diagnostic use.**



#### Product Information

|                          |   |
|--------------------------|---|
| <b>Description</b>       | VX-787 has strong immunosuppressant properties.   |
| <b>Molecular Weight</b>  | 399.4   |
| <b>Molecular Formula</b> | C <sub>20</sub> H <sub>19</sub> F <sub>2</sub> N <sub>5</sub> O <sub>2</sub>  |
| <b>IUPAC Name</b>        | (2S,3S)-3-[[5-fluoro-2-(5-fluoro-1H-pyrrolo[2,3-b]pyridin-3-yl)pyrimidin-4-yl]amino]bicyclo[2.2.2]octane-2-carboxylic acid  |
| <b>InChI</b>             | InChI=1S/C20H19F2N5O2/c21-11-5-12-13(7-24-17(12)23-6-11)18-25-8-14(22)19(27-18)26-16-10-3-1-9(2-4-10)15(16)20(28)29/h5-10,15-16H,1-4H2,(H,23,24)(H,28,29)(H,25,26,27)/t9?,10?,15-,16-/m0/s1 |
| <b>InChI Key</b>         | JGPXDNKSIXAZEQ-SBBZOCNPSA-N   |
| <b>Canonical SMILES</b>  | C1CC2CCC1C(C2NC3=NC(=NC=C3F)C4=CNC5=C4C=C(C(=N5)F)C(=O)O  |
| <b>Isomeric SMILES</b>   | C1CC2CCC1[C@@H]([C@H]2NC3=NC(=NC=C3F)C4=CNC5=C4C=C(C(=N5)F)C(=O)O   |
| <b>Form</b>              | Lyophilized powder  |
| <b>Purity</b>            | $\geq 98\%$   |
| <b>Identity</b>          | Confirmed by NMR/HPLC/MS.   |
| <b>Stability</b>         | The product is stable for three years when stored at the recommended temperature in lyophilized powder.   |
| <b>Quality Level</b>     | Research grade  |
| <b>Applications</b>      | VX-787 is an influenza inhibitor used in research to investigate its ability to inhibit the replication of influenza viruses, providing a potential therapeutic pathway for flu treatment.  |
| <b>Storage</b>           | Store at -20°C, and keep desiccated.  |



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