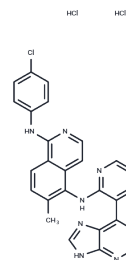


## Raf inhibitor 1 dihydrochloride

## Chemical Properties

|                   |  |
|-------------------|--|
| CAS No. :         | 1191385-19-9   |
| Formula:          | C <sub>26</sub> H <sub>19</sub> ClN <sub>8</sub> ·1:2HCl |
| Molecular Weight: | 551.86   |
| Appearance:       | no data available  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



## Biological Description

|               |  |
|---------------|--|
| Description   | Raf inhibitor 1 dihydrochloride (B-Raf inhibitor 1 dihydrochloride) is a potent and selective B-Raf inhibitor. |
| Targets(IC50) | Raf  |

## Solubility Information

|            |  |
|------------|--|
| Solubility | DMSO: 10 mg/mL (18.12 mM), Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.8121 mL | 9.0603 mL | 18.1205 mL |
| 5 mM  | 0.3624 mL | 1.8121 mL | 3.6241 mL  |
| 10 mM | 0.1812 mL | 0.906 mL  | 1.8121 mL  |
| 50 mM | 0.0362 mL | 0.1812 mL | 0.3624 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

Wang X, et al. J Med Chem. 2012 Sep 13;55(17): 7332-41.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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