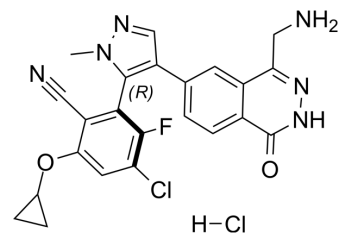


## MRTX-1719 hydrochloride

|                    |  |
|--------------------|--|
| Cat. No.:          | HY-139611C   |
| Molecular Formula: | C <sub>23</sub> H <sub>19</sub> Cl <sub>2</sub> FN <sub>6</sub> O <sub>2</sub>   |
| Molecular Weight:  | 501.34   |
| Target:            | Histone Methyltransferase  |
| Pathway:           | Epigenetics  |
| Storage:           | 4°C, sealed storage, away from moisture<br>* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (199.47 mM; Need ultrasonic)

| Concentration             | Solvent | Mass      |           |            |
|---------------------------|---------|-----------|-----------|------------|
|                           |         | 1 mg      | 5 mg      | 10 mg      |
| Preparing Stock Solutions | 1 mM    | 1.9947 mL | 9.9733 mL | 19.9465 mL |
|                           | 5 mM    | 0.3989 mL | 1.9947 mL | 3.9893 mL  |
|                           | 10 mM   | 0.1995 mL | 0.9973 mL | 1.9947 mL  |

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

MRTX-1719 hydrochloride is a potent first-in-class selective inhibitor of the PRMT5/MTA complex, with an IC<sub>50</sub> of less than 10 nM in PRMT5/MTA MTAP<sup>DEL</sup> SDMA cells<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

PRMT5

### REFERENCES

[1]. Targeting the genetic and immunological drivers of cancer.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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