

## PFI-2 HCl (R-), Methyltransferase SETD7 inhibitor

Catalog	Unit
TBI4033-5MG	5 mg
TBI4033-25MG	25 mg

### Product Details

**Formal Name:** (1R)-1-[[3-(Trifluoromethyl)phenyl]methyl]-2-oxo-2-(1-pyrrolidinyl)ethyl-1,2,3,4-tetrahydro-6-isoquinolinesulfonamide hydrochloride

**Molecular Formula:** C<sub>23</sub>H<sub>25</sub>F<sub>4</sub>N<sub>3</sub>O<sub>3</sub>S HCl

**Formula Weight:** 535.98

**CAS Number:** 1627607-87-7

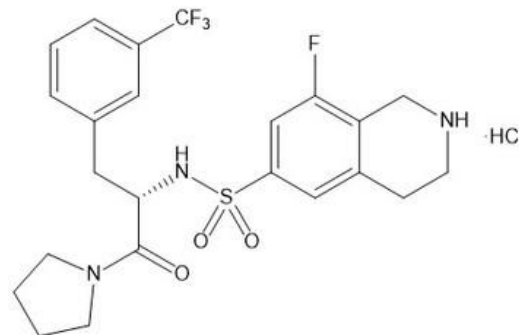
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to at least 25 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

Methyltransferase SETD7 inhibitor

### Functions

(R)-PFI-2 (1627607-87-7) is a potent (IC<sub>50</sub> = 2nM) and selective SAM-dependent inhibitor of the lysine methyltransferase SETD7. It alters Hippo pathway signaling in MCF7 cells by altering YAP nuclear localization in a SETD7-dependent manner.

### Application Procedures

First dissolved in DMSO (up to at least 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

**For research use only.**