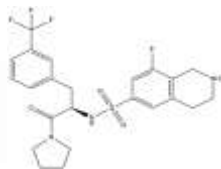


**PRODUCT: PFI-2****ALTERNATE NAME:** (R)-8-fluoro-N-(1-oxo-1-(pyrrolidin-1-yl)-3-(3-(trifluoromethyl)phenyl)propan-2-yl)-1,2,3,4-tetrahydroisoquinoline-6-sulfonamide**CATALOG #:** B1259-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>23</sub>H<sub>25</sub>F<sub>4</sub>N<sub>3</sub>O<sub>3</sub>S**MOLECULAR WEIGHT:** 499.52**CAS NUMBER:** 1627676-59-8**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** PFI-2 is a novel potent and selective SETD7 histone lysine methyltransferase inhibitor (IC<sub>50</sub> ~2 nM). It has > 100-fold selectivity over other methyltransferases and other non-epigenetic targets. PFI-2 has been shown to bind to SETD7 by ITC (K<sub>d</sub> = 18 nM), and biotinylated PFI-2 interacts with SETD7 in pull-down studies.**REFERENCES:** Li, F., *et al.* (2014). *Proc. Natl. Acad. Sci. USA* **111**, 12853**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

AS8351 (Cat. No. B1082-5,25)  
Caffeic acid (Cat. No. 2303-50, 250)  
Clorgyline hydrochloride (Cat. No. 2622-10, 50)  
Daminozide (Cat. No. 2438-100, 500)  
Disulfiram (Cat. No. 2308-10, 50)  
Ebselen (Cat. No. 2169-5, 25)  
GSK-J4 hydrochloride (Cat. No. 2259-1, 5)  
GSK-J4 (Free base) (Cat. No. 2762-1,5)  
GSK-J1 sodium (Cat. No. 2260-1, 5)  
GSK-J1 (Cat. No. 2761-1,5)  
GSK-LSD1 hydrochloride (Cat. No. B1258-5,25)  
Harmine (Cat. No. 2561-50, 250)  
IOX1 (Cat. No. 2266-5, 25)  
Jumonji HDM Inhibitor, JOB-04 (Cat. No. 2474-5, 25)  
Jumonji HDM Inhibitor, PBIT (Cat. No. 2475-5, 25)  
β-Lapachone (Cat. No. 2262-5, 25)  
ML-324 (Cat. No. 2763-5, 25)  
OG-L002 (Cat. No. 9406-5, 25)  
Pargyline hydrochloride (Cat. No. 2618-500, 1000)  
2,4-PDCA (Cat. No. 2304-100, 500)  
PFI-2 (Cat. No. B1259-5,25)  
Rasagiline mesylate (Cat. No. 2237-50, 250)  
SP-2509 (Cat. No. 9446-5,25)  
Tranlycypromine hemisulfate (Cat. No. 1816-25, 100)

**USAGE:** FOR RESEARCH CH USE ONLY! Not to be used in humans