

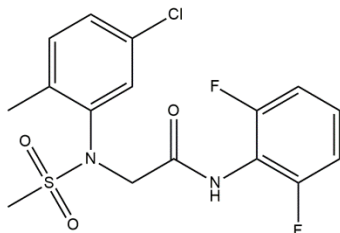
# FPH1

02/21

**ALTERNATE NAMES:** BRD-6125; 2-(5-chloro-2-methyl-N-methylsulfonylanilino)-N-(2,6-difluorophenyl)acetamide

**CATALOG #:** B3109-5 5 mg  
B3109-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>16</sub>H<sub>15</sub>ClF<sub>2</sub>N<sub>2</sub>O<sub>3</sub>S

**MOLECULAR WEIGHT:** 388.8

**CAS NUMBER:** 708219-39-0

**APPEARANCE:** White to Beige Powder

**PURITY:** ≥ 98%

**SOLUBILITY:** ~20 mg/ml in DMSO

**DESCRIPTION:** FPH1 also known as Functional Proliferation Hit 1 induces functional proliferation of hepatocytes *in vitro*. It promotes the maturation of well-differentiated cultures of hepatocyte-like cells (iHeps). FPH1 (20 μM) increases the area of hepatocyte colonies over time, with more hepatocytes populating each colony.

**STORAGE TEMPERATURE:** -20°C

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**REFERENCES:** Shan, J., Schwartz, R.E., Ross, N.T., et al. Identification of small molecules for human hepatocyte expansion and iPS differentiation. *Nat. Chem. Biol.* 9(8), 514-520 (2013).

**RELATED PRODUCTS:**

AM580 (Cat. No. 2635)  
Retinoic acid (Cat. No. 2218)  
FPH2(BRD-9424) Cat. No. B2267  
FH1 (BRD-K4477) (Cat. No. 2732)  
StemBoost™ 2i-Reprogramming Cocktail Set (1000X), Sterile-Filtered (Cat. No. K889)

**DISCLAIMER:** **FOR RESEARCH USE ONLY! Not to be used on humans.**