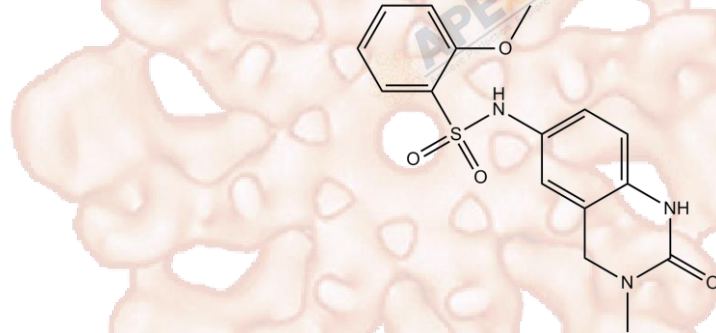


# Product Data Sheet

## PFI-1 (PF-6405761)

<b>Cat. No.:</b>	A4184
<b>CAS No.:</b>	1403764-72-6
<b>Formula:</b>	C <sub>16</sub> H <sub>17</sub> N <sub>3</sub> O <sub>4</sub> S
<b>M.Wt:</b>	347.39
<b>Synonyms:</b>	
<b>Target:</b>	Chromatin/Epigenetics
<b>Pathway:</b>	Bromodomain
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O; insoluble in EtOH; ≥128.4 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	2.8786 mL	14.3930 mL	28.7861 mL
		5 mM	0.5757 mL	2.8786 mL	5.7572 mL
		10 mM	0.2879 mL	1.4393 mL	2.8786 mL

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

### Biological Activity

Shortsummary

BET inhibitor

IC<sub>50</sub> & Target

0.22 μM (BRD4)

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

1. Alonso, Victoria Lucia, et al. "Overexpression of bromodomain factor 3 in Trypanosoma cruzi (TcBDF3) affects differentiation of the parasite and protects it against bromodomain inhibitors." FEBS Journal (2016).PMID:27007774

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

**APEX BIO Technology**

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