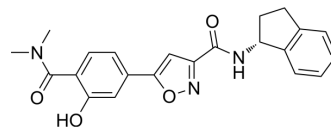


## PFI-6

Cat. No.:	HY-155412
CAS No.:	2675452-91-0
Molecular Formula:	C <sub>22</sub> H <sub>21</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	391.42
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	PFI-6 is a non-cytotoxic and selective MLLT1/3 probe targeting the YEATS domain of MLLT1 (ENL/YEATS1) and MLLT3 (AF9/YEATS3). PFI-6 shows IC <sub>50</sub> values of 140 nM and 160 nM for MLLT1 and MLLT3, respectively. PFI-6 can serve as a molecular tool to explore the role of MLLT1/3 in various diseases and related genome validation studies <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 140 nM (MLLT1); 160 nM (MLLT3) <sup>[1]</sup> .

## REFERENCES

[1]. Raux B, et al. Discovery of PFI-6, a small-molecule chemical probe for the YEATS domain of MLLT1 and MLLT3. Bioorg Med Chem Lett. 2023 Nov 7:129546.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA