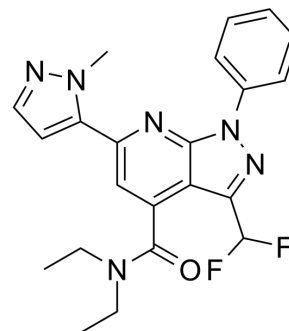


## PDE11A4-IN-1

Cat. No.:	HY-156434
CAS No.:	3027607-92-4
Molecular Formula:	C <sub>22</sub> H <sub>22</sub> F <sub>2</sub> N <sub>6</sub> O
Molecular Weight:	424.45
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	PDE11A4-IN-1 (compound 23b) is a potent and selective PDE11A4 inhibitor with an IC <sub>50</sub> of 12 nM. PDE11A4-IN-1 show high selectivity for PDE11A4 over PDE1, PDE2, PDE7, PDE8, and PDE9 <sup>[1]</sup> .
IC <sub>50</sub> & Target	PDE11A4 12 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Shams Ul Mahmood, et al. First Optimization of Novel, Potent, Selective PDE11A4 Inhibitors for Age-Related Cognitive Decline. J Med Chem. 2023 Oct 20.

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

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