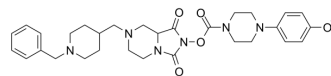


## ABC44

<b>Cat. No.:</b>	HY-120252
<b>CAS No.:</b>	1831135-46-6
<b>Molecular Formula:</b>	C <sub>31</sub> H <sub>40</sub> N <sub>6</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	576.69
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



## BIOLOGICAL ACTIVITY

<b>Description</b>	ABC44 is a potent serine hydrolase inhibitor with IC <sub>50</sub> s of 0.1 μM and 6.5 μM for palmitoyl protein thioesterase 1 (PPT1) in situ and in vitro, respectively. ABC44 can be used for researching infantile neuronal ceroid lipofuscinosis <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 0.1 μM (PPT1 in situ), 6.5 μM (PPT1 in vitro) <sup>[1]</sup>

## REFERENCES

[1]. Cognetta AB 3rd, Niphakis MJ, Lee HC, Martini ML, Hulce JJ, Cravatt BF. Selective N-Hydroxyhydantoin Carbamate Inhibitors of Mammalian Serine Hydrolases. Chem Biol. 2015 Jul 23;22(7):928-37.

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

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