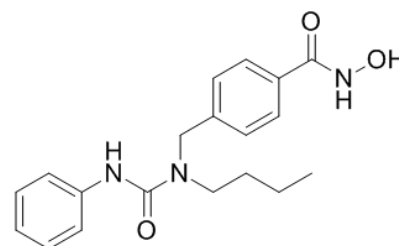


**Product Name** : Nexturastat A  
**Cat. No.** : PC-45044  
**CAS No.** : 1403783-31-2  
**Molecular Formula** : C<sub>19</sub>H<sub>23</sub>N<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** : 341.4042  
**Target** : HDAC  
**Solubility** : DMSO: ≥ 56 mg/mL



## Biological Activity

Nexturastat A is a potent and selective **HDAC6** inhibitor with IC<sub>50</sub> of 5 nM.  
Nexturastat A displays >100-fold selectivity over other HDAC isozymes (600-fold relative to the inhibition of HDAC1).

## References

Bergman JA, et al. *J Med Chem*. 2012 Nov 26;55(22):9891-9.  
Miyake Y, et al. *Nat Chem Biol*. 2016 Sep;12(9):748-54.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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