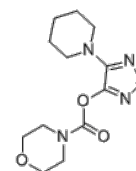


**Product Name** : Lalistat-1  
**Cat. No.** : PC-20890  
**CAS No.** : 501104-16-1  
**Molecular Formula** : C<sub>12</sub>H<sub>18</sub>N<sub>4</sub>O<sub>3</sub>S  
**Molecular Weight** : 298.36  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



CAS: 501104-16-1

## Biological Activity

Lalistat 1 is a potent and selective lysosomal acid lipase (LAL) inhibitor with IC<sub>50</sub> of 68 nM, shows no significant activity against pancreatic lipase or lipoprotein lipase.

Lalistat 1 interferes with neutral lipolysis.

Lalistat 1 binds to active center of neutral lipid hydrolases.

## References

Bradić I, et al. Mol Metab. 2022 Jul;61:101510.

Hamilton J, et al. Clin Chim Acta. 2012 Aug 16;413(15-16):1207-10.

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

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