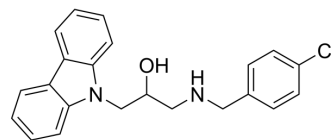


## Dynamin IN-2

Cat. No.:	HY-152216
CAS No.:	1345853-49-7
Molecular Formula:	C <sub>22</sub> H <sub>21</sub> ClN <sub>2</sub> O
Molecular Weight:	364.87
Target:	Dynamin
Pathway:	Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Dynamin IN-2 (compound 43), a <a href="#">Wiskostatin</a> (HY-12534) analogue, is a potent dynamin inhibitor, with an IC <sub>50</sub> of 1.0 μM for dynamin I GTPase. Dynamin IN-2 also blocks clathrin mediated endocytosis (CME), with an IC <sub>50</sub> of 9.5 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 1.0 ± 0.2 μM (dyn I GTPase), 9.5 ± 2.5 μM (CME) <sup>[1]</sup>

### REFERENCES

[1]. Cossar PJ, et al. Wiskostatin and other carbazole scaffolds as off target inhibitors of dynamin I GTPase activity and endocytosis. Eur J Med Chem. 2022 Dec 15;247:115001.

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

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