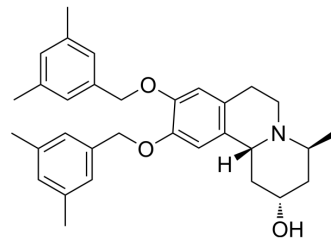


## BQZ-485

Cat. No.:	HY-156242
CAS No.:	1906915-49-8
Molecular Formula:	C <sub>32</sub> H <sub>39</sub> NO <sub>3</sub>
Molecular Weight:	485.66
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

BQZ-485 is a potent GDI2 inhibitor through the interaction with Tyr245. BQZ-485 disrupts the intrinsic GDI2-Rab1A interaction, thereby abolishing vesicular transport from the endoplasmic reticulum (ER) to the Golgi apparatus and initiating subsequent paraptosis events<sup>[1]</sup>.

## REFERENCES

[1]. Yong Sun, et al. Targeting GDP-Dissociation Inhibitor Beta (GDI2) with a Benzo[a]quinolizidine Library to Induce Paraptosis for Cancer Therapy. JACS Au 2023, September 26, 2023.

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

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