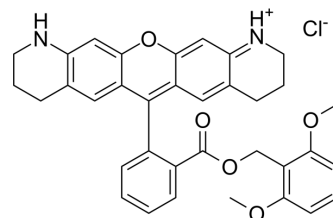


## RhQ-DMB

Cat. No.:	HY-163204
Molecular Formula:	C <sub>35</sub> H <sub>33</sub> ClN <sub>2</sub> O <sub>5</sub>
Molecular Weight:	597.1
Target:	P-glycoprotein
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

RhQ-DMB is a potent inhibitor of P-gp. RhQ-DMB exhibits high affinity and inhibitory activity in yeast strains expressing CmABC1<sup>[1]</sup>.

### REFERENCES

[1]. Miwa S, et al. Structure-ATPase Activity Relationship of Rhodamine Derivatives as Potent Inhibitors of P-Glycoprotein CmABC1[J]. ACS Medicinal Chemistry Letters, 2024.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA