

## Phosal 50 PG

Cat. No.:	HY-Y1903
CAS No.:	774594-96-6
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, protect from light

## Phosal 50 PG

### BIOLOGICAL ACTIVITY

<b>Description</b>	Phosal 50 PG is a cosolvent (standardised phosphatidylcholine concentrate). Phosal 50 PG as a carrier for lipophilic compounds, can improve the absorption, efficacy and therapeutic index of the active ingredient <sup>[1]</sup> .
<b>In Vivo</b>	<p>Phosal 50 PG is usually used as a cosolvent.</p> <p>Navitoclax (HY-10087) (100 mg/kg, once a day for 21 days) is formulated in 10% ethanol, 30% polyethylene glycol 400, and 60% Phosal 50 PG and administered p.o. to mice<sup>[2]</sup>.</p> <p>A-1331852 (HY-19741) (25 mg/kg, daily for 10 days) is formulated in 2.5% DMSO, 10% ethanol, 27.5% PEG 300, and 60% Phosal 50 PG and administered p.o. to mice<sup>[3]</sup>.</p> <p>Venetoclax (HY-15531) (100 mg/kg, daily for 10 days) is formulated in 10% ethanol, 30% PEG 400, 60% Phosal 50 PG and administered p.o. to mice<sup>[4]</sup>.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

### CUSTOMER VALIDATION

- Nat Metab. 2022 Jul 28.
- Clin Sci. 2021 Aug 13;135(15):1873-1895.
- University of Michigan. 2023 Sep.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Khani S, et al. Improved oral bioavailability of mebudipine upon administration in PhytoSolve and Phosal-based formulation (PBF). AAPS PharmSciTech. 2014 Feb;15(1):96-102.

---

**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](mailto:tech@MedChemExpress.com)

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