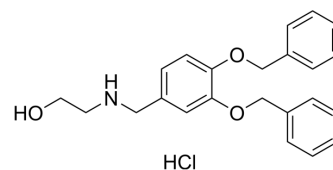


XIE62-1004-A

Cat. No.:	HY-W688687
CAS No.:	2421146-32-7
Molecular Formula:	C ₂₃ H ₂₆ ClNO ₃
Molecular Weight:	399.91
Target:	Autophagy; p62; Atg8/LC3
Pathway:	Autophagy
Storage:	4°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (312.57 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5006 mL	12.5028 mL	25.0056 mL
	5 mM	0.5001 mL	2.5006 mL	5.0011 mL
	10 mM	0.2501 mL	1.2503 mL	2.5006 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

XIE62-1004-A is an inducer of p62-LC3 interaction. XIE62-1004-A can bind to the ZZ-domain of p62, inducing p62 oligomerization and activating p62-dependent autophagy^[1].

IC₅₀ & Target

p62^[1]

REFERENCES

[1]. Horos R, et al. The Small Non-coding Vault RNA1-1 Acts as a Riboregulator of Autophagy. Cell. 2019;176(5):1054-1067.e12.

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

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