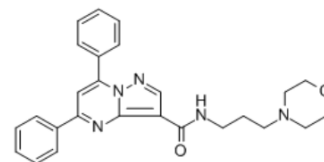


## Reversan

Cat. No.:	HY-107643	
CAS No.:	313397-13-6	
Molecular Formula:	C <sub>26</sub> H <sub>27</sub> N <sub>5</sub> O <sub>2</sub>	
Molecular Weight:	441.52	
Target:	P-glycoprotein	
Pathway:	Membrane Transporter/Ion Channel	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



### BIOLOGICAL ACTIVITY

Description	Reversan (CBL4H10) is a potent and nontoxic multidrug resistance-associated protein 1 (MRP1) and P-glycoprotein (Pgp) inhibitor <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	Multidrug resistance-associated protein 1, P-glycoprotein <sup>[1]</sup>

### REFERENCES

[1]. Tivnan A, et al. Inhibition of multidrug resistance protein 1 (MRP1) improves chemotherapy drug response in primary and recurrent glioblastoma multiforme. *Front Neurosci.* 2015 Jun 16;9:218.

[2]. Burkhart CA, et al. Small-molecule multidrug resistance-associated protein 1 inhibitor reversan increases the therapeutic index of chemotherapy in mouse models of neuroblastoma. *Cancer Res.* 2009 Aug 15;69(16):6573-80.

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

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