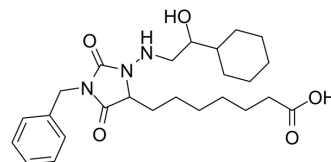


## BW A868C

Cat. No.:	HY-50848
CAS No.:	118675-50-6
Molecular Formula:	C <sub>25</sub> H <sub>37</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	459.58
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Solution, -20°C, 2 years



### BIOLOGICAL ACTIVITY

Description	BW A868C, a hydantoin compound, is a BW245C structural analogue. BW A868C is a selective and potent competitive prostaglandin D <sub>2</sub> (PGD <sub>2</sub> ) antagonist. BW A868C has no effect on other prostaglandin receptors (IP, EP1, EP2, TP and FP) <sup>[1]</sup> .
IC <sub>50</sub> & Target	DP2
In Vitro	BW A868C antagonizes prostaglandin D <sub>2</sub> and BW245C-induced activation of human platelet adenylate cyclase <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. H Giles, et al. The classification of prostaglandin DP-receptors in platelets and vasculature using BW A868C, a novel, selective and potent competitive antagonist. *Br J Pharmacol.* 1989 Feb;96(2):291-300.

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

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