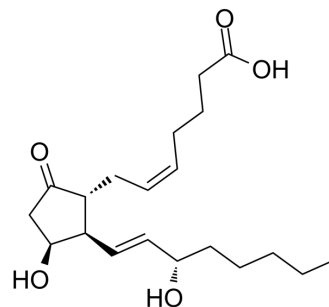


## 11 $\beta$ -Prostaglandin E2

Cat. No.:	HY-130223
CAS No.:	38310-90-6
Molecular Formula:	C <sub>20</sub> H <sub>32</sub> O <sub>5</sub>
Molecular Weight:	352.47
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Solution, -20°C, 2 years



### BIOLOGICAL ACTIVITY

#### Description

11 $\beta$ -Prostaglandin E2 (11 $\beta$ -Dinoprostone), a Prostanoid derivative, inhibits [<sup>3</sup>H]PGE<sub>2</sub> binding to hypothalamic membranes in the rat with a K<sub>i</sub> of 53.3 nM<sup>[1]</sup>.

### REFERENCES

[1]. F Dray, M Heaulme, et al. Prostaglandins of the E series inhibit release of noradrenaline in rat hypothalamus by a mechanism unrelated to classical alpha 2 adrenergic presynaptic inhibition. *Neuropharmacology*. 1984 Apr;23(4):457-62.

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

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