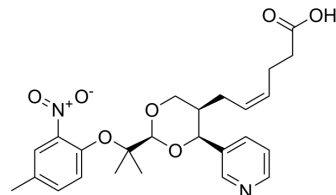


## ICI D1542

Cat. No.:	HY-116281
CAS No.:	147332-48-7
Molecular Formula:	C <sub>25</sub> H <sub>30</sub> N <sub>2</sub> O <sub>7</sub>
Molecular Weight:	470.51
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

ICI D1542 is a selective and potent inhibitor of thromboxane A<sub>2</sub> (TXA<sub>2</sub>) synthase and the thromboxane A<sub>2</sub> receptor (TP-receptor). ICI D1542 is effective at preventing thrombus formation by redirection of arachidonic acid metabolism<sup>[1]</sup>.

## REFERENCES

[1]. S J McAuliffe, et al. Redirection of arachidonic acid metabolism by ICI D1542: effects on thrombus formation in the coronary artery of the anaesthetized dog. *r J Pharmacol.* 1993 Apr;108(4):901-6.

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

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