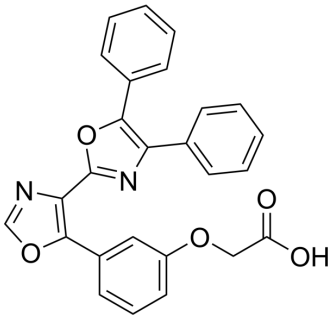
BMY 45778

Cat. No.:	HY-108565
CAS No.:	152575-66-1
Molecular Formula:	$C_{26}H_{18}N_2O_5$
Molecular Weight:	438.43
Target:	Adenylate Cyclase; Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BMY 45778 is a non-prostanoid prostacyclin mimetic. BMY 45778 inhibits human (IC_{50} = 35 nM), rabbit (IC_{50}: 136 nM) and rat (IC_{50} : 1.3 μM) platelet aggregation. BMY 45778 also activates adenylyl cyclase. BMY 45778 is a partial agonist at the prostacyclin receptor[1].

REFERENCES

[1]. Seiler SM, et al. [3-[4-(4,5-Diphenyl-2-oxazolyl)-5-oxazolyl]phenoxy]acetic acid (BMY 45778) is a potent non-prostanoid prostacyclin partial agonist: effects on platelet aggregation, adenylyl cyclase, cAMP levels, protein kinase, and iloprost binding. Prostaglandins. 1997 Jan;53(1):21-35.

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