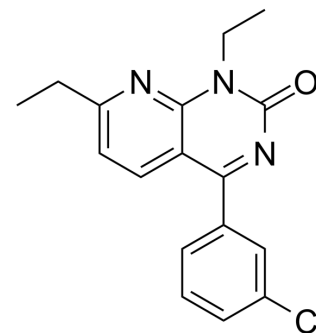


YM976

Cat. No.:	HY-108617
CAS No.:	191219-80-4
Molecular Formula:	C ₁₇ H ₁₆ ClN ₃ O
Molecular Weight:	313.78
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description

YM976 is a phosphodiesterase 4 (PDE4) inhibitor with an IC₅₀ of 2.2 nM. YM976 shows the dissociation of anti-inflammatory activities from emetic effects and inhibits the antigen-induced airway responses^[1].

REFERENCES

[1]. Hiroshi Moriuchi, et al. Relaxant effect of YM976, a novel phosphodiesterase 4 inhibitor, on bovine tracheal smooth muscle. *Eur J Pharmacol.* 2003 May 30;470(1-2):57-64.

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

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