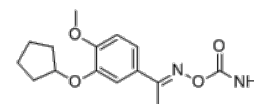


Product Name : Filaminast
Cat. No. : PC-63092
CAS No. : 141184-34-1
Molecular Formula : C₁₅H₂₀N₂O₄
Molecular Weight : 292.335
Target : Phosphodiesterase (PDE)
Solubility : 10 mM in DMSO



Biological Activity

Filaminast (WAY-PDA-641, PDA-641, WAY-123641) is a potent and selective **PDE4** inhibitor with IC₅₀ of 420 nM, displays 36-fold selectivity over PDE3.

Filaminast significantly potentiates the relaxant effects of albuterol, reverses tracheal contractions induced by prostaglandin F₂ alpha, leukotriene D₄ or histamine in a biphasic manner.

References

Heaslip RJ, et al. *J Pharmacol Exp Ther.* 1994 Feb;268(2):888-96.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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