L791943

Cat. No.: HY-U00254
CAS No.: 192767-01-4
Molecular Formula: C_{24}H_{17}F_{10}NO_{4}
Molecular Weight: 573.38
Target: Phosphodiesterase (PDE)
Pathway: Metabolic Enzyme/Protease
Storage: Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description
L791943 is a potent, selective Phosphodiesterase-4 (PDE4) inhibitor with an IC<sub>50</sub> of 4.2 nM.

IC<sub>50</sub> & Target
IC50: 4.2 nM (Phosphodiesterase-4)<sup>[1]</sup>

In Vitro
The extent of metabolism of L791943 is evaluated in vitro in rat hepatocytes and compared to the data obtained with CDP-840. In our standard incubation conditions, >98% of the parent drug remain intact in the case of L791943 whereas only 11% of CDP-840 is left intact<sup>[2]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES


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