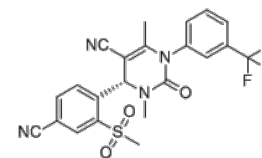


Product Name : BAY85-8501
Cat. No. : PC-60474
CAS No. : 1161921-82-9
Molecular Formula : C₂₂H₁₇F₃N₄O₃S
Molecular Weight : 474.458
Target : Elastase
Solubility : 10 mM in DMSO



Biological Activity

BAY 85-8501 (BAY85-8501) is a potent, selective **human neutrophil elastase (HNE)** inhibitor with IC₅₀ of 65 pM. BAY 85-8501 displays no significant inhibition toward 21 related serine proteases (>30 uM). BAY 85-8501 demonstrates completely prevented the development of lung injury and subsequent inflammation in vivo.

References

von Nussbaum F, et al. *ChemMedChem*. 2015 Jul;10(7):1163-73.
von Nussbaum F, et al. *ChemMedChem*. 2016 Jan 19;11(2):199-206.

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

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