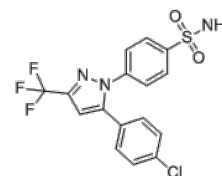


Product Name : SC-236
Cat. No. : PC-61664
CAS No. : 170569-86-5
Molecular Formula : C₁₆H₁₁ClF₃N₃O₂S
Molecular Weight : 401.8
Target : Cyclooxygenase (COX)
Solubility : 10 mM in DMSO



Biological Activity

SC-236 (SC58236) is a potent, selective, orally active inhibitor of **COX-2** with IC₅₀ of 10 nM. SC-236 displays >1,700-fold selectivity over COX-1 (IC₅₀=17.8 μM). SC-236 exhibits anti-inflammatory properties and potent antimetastatic activity both in vitro and in vivo.

References

- Penning TD, et al. J Med Chem. 1997 Apr 25;40(9):1347-65.
Lee A, et al. Cancer Res. 2006 Apr 15;66(8):4378-84.
Roche-Nagle G, et al. Br J Cancer. 2004 Jul 19;91(2):359-65.

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

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