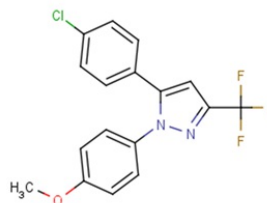


Product Name	: SC-560
Synonyms	: SC-560; SC 560; SC560
Cat No.	: M17399
CAS Number	: 188817-13-2
Molecular Formula	: C ₁₇ H ₁₂ ClF ₃ N ₂ O
Formula Weight	: 352.74
Chemical Name	: 5-(4-chlorophenyl)-1-(4-methoxyphenyl)-3-(trifluoromethyl)-1H-pyrazole
Description	SC-560 is a potent, orally active and selective inhibitor of COX-1. Using human recombinant enzymes, the IC ₅₀ value for SC-560 with respect to COX-1 is 9 nM, while the corresponding IC ₅₀ value for COX-2 is 6.3 μM. Thus, SC-560 shows 700-fold selectivity for the COX-1 enzyme.
Pathway	: Others
Target	: Other Targets
Receptor	: COX-1; COX-2
Solubility	: DMSO : ≥ 100 mg/mL 283.49 mM; H ₂ O : < 0.1 mg/mL
SMILES	: <chem>COc1ccc(cc1)n1c(cc(n1)C(F)(F)F)c1ccc(cc1)Cl</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Smith CJ, et al. Pharmacological analysis of cyclooxygenase-1 in inflammation. Proc Natl Acad Sci U S A. 1998 Oct 27;95(22):13313-8.