SC-560

COX inhibitor

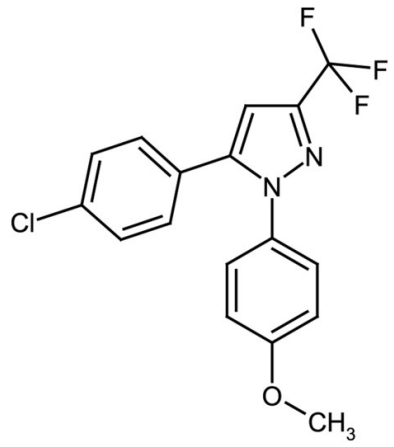
Selective COX-1 inhibitor (IC_{50}=9nM). Shows 700-fold more selectivity over COX-2 (IC_{50}=6.3μM). Inhibits COX-1-derived platelet thromboxane B_2, gastric PGE_2, and dermal PGE_2 production. Orally active in rat.

Citations: 5 View Online »

Ordering Information Order Online »

ALX-270-427-M005	5mg

Manuals, SDS & CofA View Online »

F F F N N Cl O CH3	

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 2 years after receipt when stored at –20°C.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	5-(4-Chlorophenyl)-1-(4-methoxyphenyl)-3-(trifluoromethyl)-1H-pyrazole
Appearance	White to off-white crystalline solid.
CAS	188817-13-2
Couple Target	COX
Couple Type	Inhibitor
Formula	$C_{17}H_{12}N_2OClF_3$
MW	352.7
Purity	≥98%
Solubility	Soluble in 100% ethanol, DMSO or dimethyl formamide; sparingly soluble in aqueous buffers.

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