SC-236

COX inhibitor

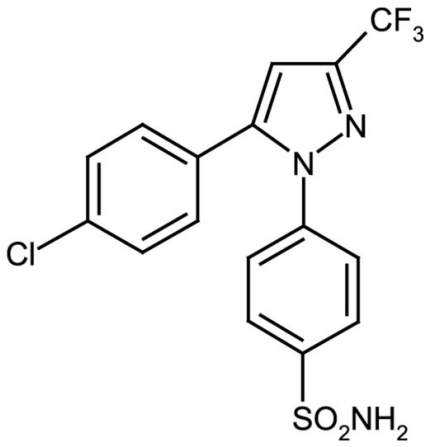
Highly selective and potent inhibitor of cyclooxygenase-2 (IC_{50}=10nM for COX-2 versus IC_{50}=17.8μM for COX-1) with antitumor properties. Exhibits longer half-life time and reduced gastric toxicity in fasting rat model. Has antitumor properties and has been shown to induce apoptosis and bFGF and VEGF-driven angiogenesis. Potent antimetastatic activity against both spontaneous metastases arising following primary tumour excision and experimental metastases.

Citations: 14 View Online »

Ordering Information Order Online »

ALX-270-377-M005	5mg

Manuals, SDS & CofA View Online »

CF3 N N Cl SO2NH2	

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. Stock solutions are stable for 3 months when stored at -20°C.
Handling	Protect from light. Packaged under inert gas.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	4-[5-(4-Chlorophenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]benzenesulfonamide
Appearance	White to off-white crystalline powder.
CAS	170569-86-5
Couple Target	COX
Couple Type	Inhibitor
Formula	$C_{16}H_{11}ClF_3N_3O_2S$
MW	401.8
Purity	≥95% (HPLC)
Solubility	Soluble in DMSO.

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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