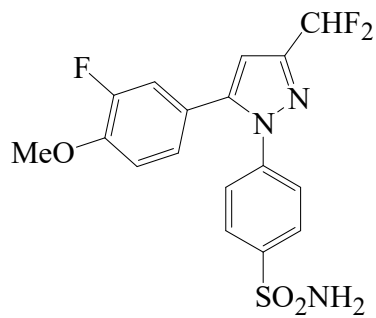




>>Entry Name: Deracoxib, INN, USAN

Synonym(s): 4-[3-(Difluoromethyl)-5-(3-fluoro-4-methoxyphenyl)-1*H*-pyrazol-1-yl]benzenesulfonamide, 9CI. SC 59046



CAS Registry Number: 169590-41-4

Molecular Formula: C₁₇H₁₄F₃N₃O₃S

Molecular Weight: 397.377

Accurate Mass: 397.070796

Percentage Composition: C 51.38%; H 3.55%; F 14.34%; N 10.57%; O 12.08%; S 8.07%

Biological Use/Importance: Cyclooxygenase (COX-2) inhibitor. Antiinflammatory and analgesic agent

Melting Point: Mp 159-161°

References:

Pat. Coop. Treaty (WIPO), 1995, *Searle*, 95 15 316; *CA*, **123**, 340112k, (*synth, pharmacol*)

Penning, T.D. *et al.*, *J. Med. Chem.*, 1997, **40**, 1347-1365, (*synth, pmr, pharmacol*)