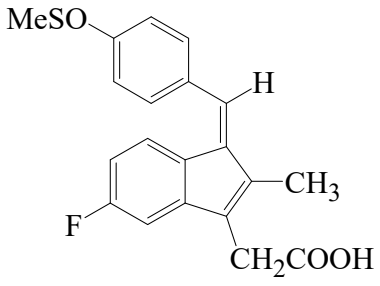
>>**Entry Name: Sulindac,** BAN, INN, JAN, USAN
Synonym(s): 5-Fluoro-2-methyl-1-[[4-(methylsulfinyl)phenyl]methylene]-1*H*-indene-3-acetic acid, 9CI. Clinoril. Many other names



(*Z*)-*form*

Molecular Formula: $C_{20}H_{17}FO_3S$
Molecular Weight: 356.417
Accurate Mass: 356.088243
Percentage Composition: C 67.40%; H 4.81%; F 5.33%; O 13.47%; S 9.00%
Use/Importance: Antiinflammatory, analgesic, antipyretic
Calculated Log P Data: Log P 2.77 (calc)

>>**Variant:** (*E*)-form

CAS Registry Number: 61812-46-2
Molecular Formula: $C_{20}H_{17}FO_3S$
Molecular Weight: 356.417
Accurate Mass: 356.088243
Percentage Composition: C 67.40%; H 4.81%; F 5.33%; O 13.47%; S 9.00%
Physical Description: Cryst. (MeOH aq.)
Melting Point: Mp 178-181°

>>**Derivative:** Deoxy
Synonym(s): 5-Fluoro-2-methyl-1-[[4-(methylthio)phenyl]methylene]-1*H*-indene-3-acetic acid, 9CI

CAS Registry Number: 61812-45-1
Extra CAS Registry Numbers(s): 32004-67-4
Molecular Formula: $C_{20}H_{17}FO_2S$
Molecular Weight: 340.418
Accurate Mass: 340.093328
Percentage Composition: C 70.57%; H 5.03%; F 5.58%; O 9.40%; S 9.42%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 188-191°

>>**Variant:** (*Z*)-form

CAS Registry Number: 38194-50-2
Molecular Formula: $C_{20}H_{17}FO_3S$
Molecular Weight: 356.417
Accurate Mass: 356.088243
Percentage Composition: C 67.40%; H 4.81%; F 5.33%; O 13.47%; S 9.00%
Physical Description: Yellow cryst. (EtOH)
Melting Point: Mp 187-188 dec.°
Solubility: Sol. dil. acids, alkalis
pKa Value: pK_a 4.5
Other Data: Mod. unstable in air. The pharmacol. prod. is probably the (*Z*)-form
Hazard & Toxicity: LD_{50} (rat, orl) 264 mg/kg

Sigma: S8139

>>**Derivative:** Deoxy

CAS Registry Number: 49627-27-2
Extra CAS Registry Numbers(s): 32004-67-4
Melting Point: Mp 190-193°