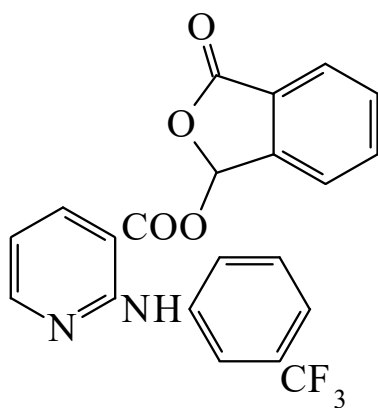




>>Entry Name: Talniflumate, INN, USAN

Synonym(s): 1,3-Dihydro-3-oxo-1-isobenzofuranyl 2-[[3-(trifluoromethyl)phenyl]amino]-3-pyridinecarboxylate, 9Cl. Somalgen. BA 7602-06



CAS Registry Number: 66898-62-2

Molecular Formula: C₂₁H₁₃F₃N₂O₄

Molecular Weight: 414.34

Accurate Mass: 414.082742

Percentage Composition: C 60.88%; H 3.16%; F 13.76%; N 6.76%; O 15.45%

Use/Importance: Antiinflammatory, analgesic

Calculated Log P Data: Log P 5.83 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 12,000 mg/kg

>>Variant: (±)-form

Molecular Formula: C₂₁H₁₃F₃N₂O₄

Molecular Weight: 414.34

Accurate Mass: 414.082742

Percentage Composition: C 60.88%; H 3.16%; F 13.76%; N 6.76%; O 15.45%

Physical Description: Cryst.

Melting Point: Mp 165-167°

>>Derivative: Hydrochloride

CAS Registry Number: 72912-14-2

Melting Point: Mp 158-160°

References:

U.K. Pat., 1979, 1 553 171; *CA*, **93**, 8024b, (*synth, pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 35