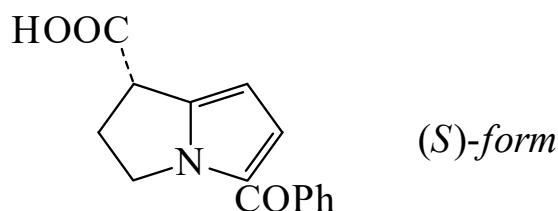




>>Entry Name: Ketorolac, BAN, INN

Synonym(s): 5-Benzoyl-2,3-dihydro-1*H*-pyrrolizine-1-carboxylic acid



CAS Registry Number: 66635-83-4

Related CAS Registry Numbers(s): 66635-93-6 87746-80-3

Molecular Formula: C₁₅H₁₃NO₃

Molecular Weight: 255.273

Accurate Mass: 255.089544

Percentage Composition: C 70.58%; H 5.13%; N 5.49%; O 18.80%

Biological Use/Importance: NSAID analgesic, antiinflammatory agent. Platelet aggregation inhibitor

Development Status: Marketed drug

Experimental Log P Data: Log P 2.72 (exp)

Calculated Log P Data: Log P 1.62 (calc)

>>Variant: (S)-form

CAS Registry Number: 66635-92-5

Molecular Formula: C₁₅H₁₃NO₃

Molecular Weight: 255.273

Accurate Mass: 255.089544

Percentage Composition: C 70.58%; H 5.13%; N 5.49%; O 18.80%

Physical Description: Cryst. (hexane/EtOAc)

Melting Point: Mp 169-170°

Optical Rotation: [α]_D -176 (c, 1 in MeOH)

Other Data: Pharmacol. active isomer

>>Variant: (±)-form

CAS Registry Number: 74103-06-3

Molecular Formula: C₁₅H₁₃NO₃

Molecular Weight: 255.273

Accurate Mass: 255.089544

Percentage Composition: C 70.58%; H 5.13%; N 5.49%; O 18.80%

Physical Description: Cryst. (EtOAc/Et₂O)

Melting Point: Mp 160-161°

>>Derivative: Compd. with 2-amino-2-(hydroxymethyl)-1,3-propanediol (1:1)

Synonym(s): Ketorolac tromethamine, USAN. Ketorolac trometamol, BAN. Acular. Aculare. Droal. Taradyl. Tonum. Toradol. RS 37619 00313

CAS Registry Number: 74103-07-4

Development Status: Launched 1990

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