Tolfenamic acid ab142953

Overview

Product name: Tolfenamic acid

Description: Non steroidal anti-inflammatory agent

Biological description: Non steroidal anti-inflammatory agent. COX-2 inhibitor. Inhibits proliferation ($IC_{50}= 41.5$ and $52.5 \mu M$ in BT474 and SKBR3 cells) and displays anticarcinogenic activity. Active in vivo.

Purity: $> 98\%$

Properties

Chemical name: 2-(3-Chloro-2-methylanilino)benzoic acid

Molecular weight: 261.70

Chemical structure:

Molecular formula: $C_{14}H_{12}ClNO_2$

CAS Number: 13710-19-5

PubChem identifier: 610479

Storage instructions: Store at Room Temperature. The product can be stored for up to 12 months.

Solubility overview: Soluble in DMSO to 100 mM and in ethanol to 100 mM

Handling:
Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES: CC1=C(C=CC=CC1C1)NC2=CC=CC=CC=CC=CC=CC2(=O)O

Source: Synthetic

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"
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