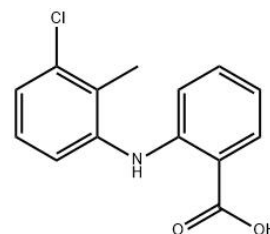


Technical Data Sheet

Tolfenamic acid

Compound Information

Product Name:	Tolfenamic acid
CAS No.:	13710-19-5
Molecular Formula:	C ₁₄ H ₁₂ ClNO ₂
Molecular Weight:	261.7
Storage:	Store at 2 -8 °C
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	Tolfenamic Acid is a COX-2 inhibitor, selectively inhibits COX-2, with an IC ₅₀ of 13.49 μM (3.53 μg/mL) in LPS-treated (COX-2) canine DH82 monocyte/macrophage cells, but shows no effect on COX-1.
Form	Solid
Color	White to Off-White
Melting Point	210-214°C
Assay by titration	≥ 97%
Solubility	DMSO 90 mg/mL
MS	Pass test
1H NMR	Pass test
13C NMR	Pass test
IR	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with anyother materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of thedate indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability orcompleteness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user'sresponsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.