

Product Name: Acemetacin
Cat. No.: GC10454

Cas. No. 53164-05-9

Chemical Name 2-[2-[1-(4-chlorobenzoyl)-5-methoxy-2-methylindol-3-yl]acetyl]oxyacetic acid

SMILES CC1=C(C2=C(N1C(=O)C3=CC=C(C=C3)Cl)C=CC(=C2)OC)CC(=O)OCC(=O)O

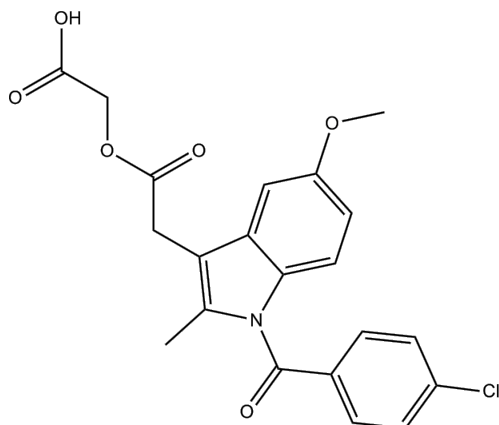
Formula	C ₂₁ H ₁₈ ClNO ₆	M.Wt	415.82
---------	---	------	--------

Solubility	≥ 20.791mg/mL in DMSO	Storage	Store at -20°C
------------	-----------------------	---------	----------------

General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.
--------------	---

Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.
--------------------	--

Structure



Acemetacin (TVX 1322) is a non-steroidal anti-inflammatory drug and a glycolic acid ester of indometacin that is a cyclooxygenase inhibitor.

Acemetacin (TVX 1322) is a non-steroidal anti-inflammatory drug, used for the treatment of osteoarthritis, rheumatoid arthritis, lower back pain, and relieving post-operative pain. Acemetacin (TVX 1322), a glycolic acid ester of indometacin, acts as a prodrug; in the body, it is metabolized to

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

indometacin, which then acts as an inhibitor of cyclooxygenase, producing the anti-inflammatory effects. An advantage of Acemetacin (TVX 1322) is that it reduces gastric damage when compared to indometacin. From Wikipedia.

References:

[1]. Tavares IA, et al. Non-steroidal anti-inflammatory drugs that cause relatively little gastric damage. J Gastroenterol Hepatol. 1998 Nov;13(S3):S190-S192.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA