



LKT Laboratories, Inc.

## Aceclofenac

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### Product Information

**Product ID** A1017

**CAS No.** 89796-99-6

**Chemical Name** 2-[(2,6-Dichlorophenyl)amino]benzeneacetic acid  
carboxymethyl ester

**Synonym** Airtal, Falcol, Gerbin, Preservex

**Formula** C<sub>16</sub>H<sub>13</sub>Cl<sub>2</sub>NO<sub>4</sub>

**Formula Wt.** 354.18

**Melting Point** 149-150 °C

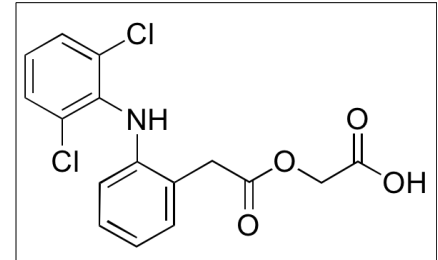
**Purity** ≥98%

**Solubility** Soluble in ethanol and  
acetone, insoluble in water

**Store Temp** Ambient

**Ship Temp** Ambient

**Description** Aceclofenac is a diclofenac analog that exhibits anti-inflammatory and analgesic activities. Aceclofenac is a non-steroidal anti-inflammatory drug (NSAID) that somewhat selectively inhibits COX-2; it is clinically used to treat rheumatoid arthritis, osteoarthritis, and ankylosing spondylitis. Aceclofenac downregulates expression of L-selectin, ICAM-3, and CD43, decreasing neutrophil adhesion to endothelial cells.



**Bulk quantities available upon request**

Product ID	Size
A1017	1 g
A1017	5 g
A1017	25 g
A1017	100 g

**References** Chopade AR, Sayyad FJ, Naikwade NS. Pharmacological characterization of carrageenan induced heat muscle hyperalgesia in rats using non-selective, preferential and selective COX-2 inhibitors. *Pharmacol Rep.* 2014 Jun;66(3):353-62. PMID: 24905509.

González-Alvaro I, Carmona L, Díaz-González F, et al. Aceclofenac, a new nonsteroidal antiinflammatory drug, decreases the expression and function of some adhesion molecules on human neutrophils. *J Rheumatol.* 1996 Apr;23(4):723-9. PMID: 8730134.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.