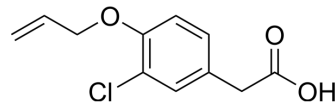


## Alclofenac

Cat. No.:	HY-W009706
CAS No.:	22131-79-9
Molecular Formula:	C <sub>11</sub> H <sub>11</sub> ClO <sub>3</sub>
Molecular Weight:	226.66
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Alclofenac (Allopydin) is a non-steroidal anti-inflammatory agent (NSAID). Alclofenac is a prostaglandin H2 synthase inhibitor. Alclofenac can be used for rheumatoid arthritis, degenerative joint disease and ankylosing spondylitis research<sup>[1]</sup>  
<sup>[1][2]</sup>.

### REFERENCES

- [1]. R N Brogden, et al. Alclofenac: a review of its pharmacological properties and therapeutic efficacy in rheumatoid arthritis and allied rheumatic disorders. *Drugs*. 1977 Oct;14(4):241-59.
- [2]. B S Selinsky, et al. Structural analysis of NSAID binding by prostaglandin H2 synthase: time-dependent and time-independent inhibitors elicit identical enzyme conformations. *Biochemistry*. 2001 May 1;40(17):5172-80.

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

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