

Sodium diclofenac

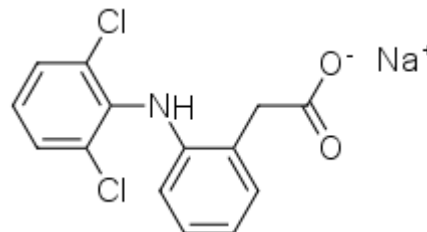
Product Description

Catalog #: 33667C, 5g 33667D, 50g
Name : **Sodium diclofenac**
 Chemical name: sodium 2-[2-(2,6-dichloroanilino)phenyl]acetate;
 Syn.: Diclofenac sodium salt; Anthraxiton, Batafil, Delimon .
 CAS: 15307-79-6.

Properties : Structure: C₁₄H₁₀Cl₂NNaO₂.
 (physical) MW: 318.1 Da
 Purity >99.5%.

(biological) Activity: Diclofenac is a KV7 opener with anti-nociceptive properties¹.

Storage : Lyophilized powder can be stored intact at room temperature for several weeks. For longer periods, it should be stored at -20°C.



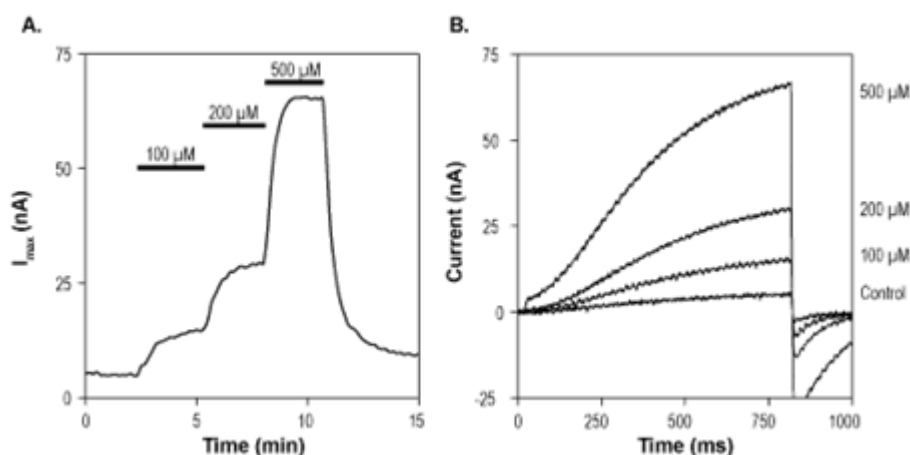
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BioAssay

Diclofenac sodium salt enhances KV7.2/7.3 heteromeric channels expressed in *Xenopus* oocytes.

A. Time course of KV7.2/7.3 current enhancement by 100, 200 and 500 μ M Diclofenac sodium salt (#D-181). Currents were elicited by application of voltage step from a holding potential of -100 mV to -60 mV (800 msec).

B. Superimposed example traces of current responses before and during perfusion of 100, 200 and 500 μ M Diclofenac sodium salt, as indicated.



• Reconstitution

50 mM in H₂O. Centrifuge all product preparations before use (10000 x g 5 min).

• Storage after reconstitution

Up to four weeks at 4°C or three months at -20°C.

References

1. Peretz, A. et al. (2005) Mol. Pharmacol. 67, 1053.

Related products & Categories

See [Bioactive compounds](#)

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

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