

Product Data Sheet

Product Name: Ozagrel sodium

Cat. No.: GC36831

Chemical Properties

Cas. No. 189224-26-8

SMILES O=C([O-])/C=C/C1=CC=C(CN2C=CN=C2)C=C1.[Na+]

Formula $C_{13}H_{11}N_2NaO_2$ M.Wt 250.23

Solubility Water: ≥ 44 mg/mL (175.84 mM) 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.

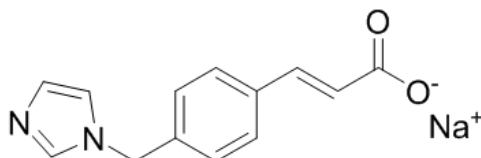
Caution: Product has not been fully validated for medical applications. For research use only.

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Product Data Sheet

Structure



Background

Ozagrel sodium (OKY-046 sodium) is an antiplatelet agent working as a thromboxane A2 synthesis inhibitor. Thromboxane A2 Synthase

[1]. Nakazawa, M., et al., [Research and development of ozagrel, a highly selective inhibitor of TXA2 synthase]. Yakugaku Zasshi, 1994. 114(12): p. 911-33. [2]. Li, S.B., et al., In vitro effect of ozagrel on mushroom tyrosinase. Protein J, 2009. 28(3-4): p. 182-8. [3]. Westphal, M., et al., Selective thromboxane A2 synthase inhibition by OKY-046 prevents cardiopulmonary dysfunction after ovine smoke inhalation injury. Anesthesiology, 2005. 102(5): p. 954-61.

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