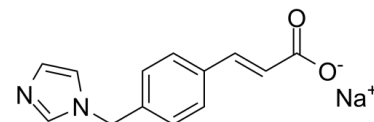


Data Sheet

Product Name:	Ozagrel sodium
Cat. No.:	CS-3808
CAS No.:	189224-26-8
Molecular Formula:	C ₁₃ H ₁₁ N ₂ NaO ₂
Molecular Weight:	250.23
Target:	Factor Xa
Pathway:	Metabolic Enzyme/Protease
Solubility:	H ₂ O : ≥ 44 mg/mL (175.84 mM)



BIOLOGICAL ACTIVITY:

Ozagrel sodium (OKY-046 sodium) is an antiplatelet agent working as a thromboxane A₂ synthesis inhibitor. IC₅₀ & Target: Thromboxane A₂ Synthase

References:

- [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.

CAIndexNames:

2-Propenoic acid, 3-[4-(1H-imidazol-1-ylmethyl)phenyl]-, sodium salt (1:1), (2E)-

SMILES:

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

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

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