

Ozagrel HCl, Thromboxane synthase inhibitor

Catalog	Unit
TBI2767-10MG	10 mg
TBI2767-50MG	50 mg

Product Details

Formal Name: (2E)-3-[4-(1H-Imidazol-1-ylmethyl)phenyl]-2-propenoic acid hydrochloride

Alternate Names: OKY-046

Molecular Formula: C₁₃H₁₂N₂O₂ HCl

Formula Weight: 264.71

CAS Number: 78712-43-3

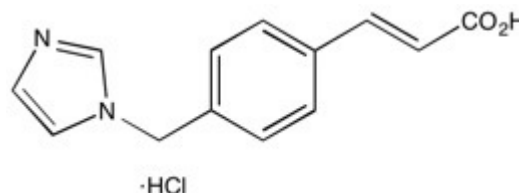
Purity: >98%

Formulation: powder

Solubility: Soluble in Water (up to 25 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

Thromboxane synthase inhibitor

Functions

Potent and selective inhibitor of thromboxane (TXA₂) synthetase (IC₅₀ = 4 nM). Does not inhibit prostacyclin (PGI₂) synthase, cyclooxygenase or PGE₂ isomerase (IC₅₀ > 1 mM). Inhibits platelet aggregation in vitro and arachidonate-induced arterial contraction in vivo. Protects against arachidonate-induced sudden death in the rabbit. Alleviates liver injury induced by acetaminophen overdose in mice.

Application Procedures

First dissolved in Water (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in Water may be stored at -20°C for up to 1 month.

For research use only.