Product datasheet

Ozagrel, TXA₂ synthetase inhibitor ab143196

Overview

Product name
Ozagrel, TXA₂ synthetase inhibitor

Description
Potent, competitive and selective TXA₂ synthetase inhibitor

Biological description
Potent, competitive and selective TXA₂ synthetase inhibitor (IC₅₀ = 4 nM). Inhibits platelet aggregation. Shows neuroprotective and anti-ischemic effects in vivo. Orally active.

Purity
> 99%

Properties

Chemical name
(E)-3-[4-(imidazol-1-ylmethyl)phenyl]prop-2-enoic acid

Molecular weight
228.25

Molecular structure

Molecular formula
C₁₃H₁₂N₂O₂

CAS Number
82571-53-7

PubChem identifier
5282440

Storage instructions
Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.

Solubility overview
Soluble in DMSO to 25 mM

Handling
Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES
C1=CC(=CC=C1CN2C=CN=C2)C=CC(=O)O

Source
Synthetic

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"
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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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