Flupirtine maleate
Kinase Inhibitor

Kinase Inhibitor Name: Flupirtine maleate
Catalog Number: E1KS1334
Quantity: 10mg

1. PHYSICAL AND CHEMICAL PROPERTIES

M.Wt: 420.39

Formula: \( \text{C}_{15}\text{H}_{17}\text{FN}_{4}\text{O}_2 \cdot \text{C}_4\text{H}_4\text{O}_4 \)

Solubility: DMSO \( \geq 84 \text{ mg/mL} \), Water \(< 1 \text{ mg/mL} \), Ethanol \( \geq 3 \text{ mg/mL} \).

Stability: 2 years at -20°C as Powder; 1 week at -4°C in DMSO; 1 month at -80°C in DMSO.

CAS No.: 75507-68-5

Molecular Structure:

2. Biological Activity

Flupirtine is an aminopyridine is a centrally acting nonopioid analgesic. It is used as an analgesic for acute and chronic pain, mainly for moderate to severe pain. Muscle relaxant properties make it popular for back pain and other orthopaedic use but it is also used for migraine, in oncology, postoperative care and gynecology. [1]

3. References


The pharmacological and toxicological properties of this product have not been fully investigated. Exercise caution in use and handling. This product must not be used in humans.

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