

Catalog	Unit
TBI1122-5MG	5 mg
TBI1122-25MG	25 mg

Product Details

Formal Name: (Z)-5-Fluoro-2-methyl-1-[p-(methylsulfonyl)benzylidene]indene-3-acetic acid

Molecular Formula: C₂₀H₁₇FO₄S

Formula Weight: 372.41

CAS Number: 59864-04-9

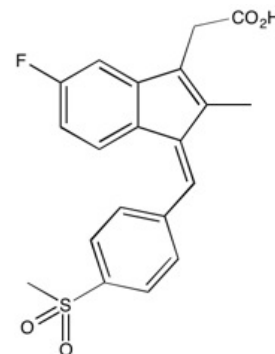
Purity: >98%

Formulation: powder

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

Storage: RT

Stability: ≥ 2 years.



Applications

Modulates beta-catenin-mediated effects

Functions

Metabolite of the cyclooxygenase inhibitor sulindac that induces apoptosis via inhibition of type 5 phosphodiesterases. Sulindac sulfone does not inhibit cyclooxygenase at physiological concentrations but does inhibit K-ras-dependent cyclooxygenase-2 expression in colon cancer cells.

Application Procedures

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

For research use only.