

| Catalog | Unit |
|--------------|-------|
| TBI1040-5MG | 5 mg |
| TBI1040-25MG | 25 mg |

Product Details

Formal Name: 3-[1-(4-chlorobenzyl)-3-t-butyl-thio-5-isopropylindol-2-yl]-2,2-dimethylpropanoic acid

Alternate Names: L-663,536

Molecular Formula: C₂₇H₃₄ClNO₂S

Formula Weight: 472.08

CAS Number: 118414-82-7

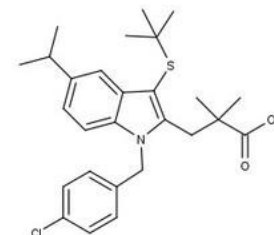
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 40 mg/ml).

Storage: RT

Stability: ≥ 1 year.



Applications

5-Lipoxygenase activating protein (FLAP) inhibitor

Functions

Inhibitor of leukotriene biosynthesis (IC₅₀ = 2.5 nM in human PMN) via 5-lipoxygenase-activating protein (FLAP) inhibition (IC₅₀ = 30 nM). Also inhibits PPAR α (80% inhibition at 10 μ M).

Application Procedures

First dissolved in DMSO (up to 40 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 2 months.

For research use only.