

Benzbromarone, Ca²⁺-activated chloride channel blocker

Catalog	Unit
TBI2873-50MG	50 mg
TBI2873-250MG	250 mg

Product Details

Formal Name: (3,5-Dibromo-4-hydroxyphenyl)(2-ethyl-3-benzofuranyl)methanone

Alternate Names: MJ10061; NSC85433

Molecular Formula: C₁₇H₁₂Br₂O₃

Formula Weight: 424.10

CAS Number: 3562-84-3

Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 20 mg/ml)

Storage: RT

Stability: ≥ 2 years.

Applications

Ca²⁺-activated chloride channel blocker

Functions

A calcium-activated chloride channel (TMEM16; CaCC) blocker. Inhibits ATP-induced mucin secretion and metacholine-induced airway smooth muscle contraction. A uricosuric agent which potently inhibits the urate anion transporter.

Application Procedures

First dissolved in DMSO (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in water may be stored at -20°C for up to 3 months.

For research use only.