

Catalog	Unit
TBI1135-5MG	5 mg
TBI1135-25MG	25 mg

Product Details

Formal Name: 8-Chlorodibenz(Z)[b,f]oxazepine-10(11H)-carboxylic acid 2-[1-oxo-3-(4-pyridinyl)propyl]hydrazide hydrochloride

Molecular Formula: C₂₂H₁₉ClN₄O₃ · HCl

Formula Weight: 459.34

CAS Number: 146033-02-5

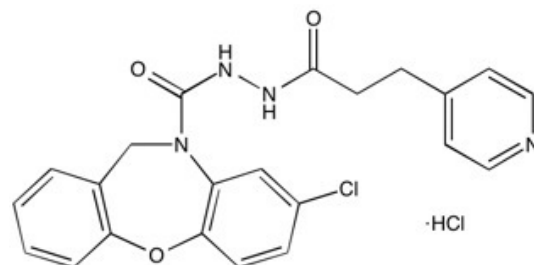
Purity: >98%

Formulation: powder

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

Storage: RT

Stability: ≥ 1 year.



Applications

Prostaglandin E (EP1) antagonist

Functions

Prostaglandin E2 (EP1 receptor) antagonist (pA₂=6.5, guinea pig ileum muscle strip assay). Possesses analgesic activity in vivo (rodent ED₅₀= 6.8 mg/kg). Does not inhibit COX1 and does not block PGE1 induced hyperalgesia.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Water (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or distilled water may be stored at -20°C for up to 3 months.

For research use only.