
Catalog	Unit
TBI1511-5MG	5 mg
TBI1511-25MG	25 mg

Product Details

Formal Name: Ethyl 3-(((4-chlorobenzyl)((5-nitrophen-2-yl)methyl)amino)methyl)pyrrolidine-1-carboxylate hydrochloride

Molecular Formula: C₂₀H₂₄ClN₃O₄S · HCl

Formula Weight: 474.40

CAS Number: 1379686-30-2

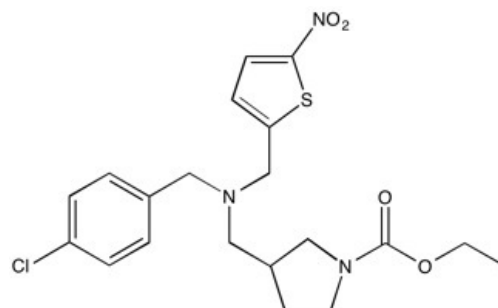
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (greater than 25 mg/ml) or in Ethanol (up to 20 mg/ml).

Storage: -20°C

Stability: ≥ 1 year.



Applications

RevErb a/b agonist

Functions

Agonist at nuclear receptor Rev-ErbA. Greatly diminishes VILI-induced lung edema, inflammatory cell infiltration and TNF α production in a rat lung injury model. Suppresses atherosclerosis in a mouse model.

Application Procedures

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

For research use only.