

Aprepitant, NK-1 antagonist

Catalog	Unit
TBI4366-10MG	10 mg
TBI4366-50MG	50 mg

Product Details

Formal Name: 3-[[[(2R,3S)-2-[(1R)-1-bis(trifluoromethyl)phenyl]ethoxy]-3-(4-fluorophenyl)morpholin-4-yl]methyl]-1,4-dihydro-1,2,4-triazol-5-one

Alternate Names: MK-0869; ONO-7436; L-754,030

Molecular Formula: C₂₃H₂₁F₇N₄O₃

Formula Weight: 534.43

CAS Number: 170729-80-3

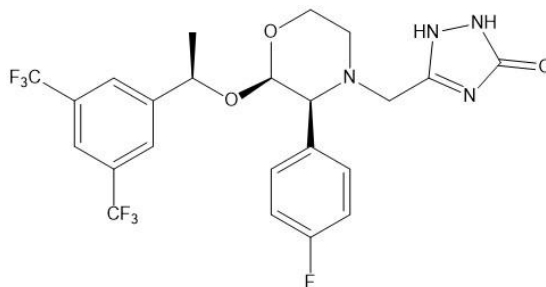
Purity: >98%

Formulation: powder

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

Storage: -20°C

Stability: ≥ 2 years.



Applications

NK-1 antagonist

Functions

Aprepitant is a potent human neurokinin-1 (NK-1) antagonist. It is an FDA approved medication for the treatment of chemotherapy-induced and postoperative nausea and vomiting. Aprepitant is also a selective activator of the K2P channel TRAAK. It also has been shown to have multiple anticancer effects.

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 3 months.

For research use only.