

# Aprepitant IR 40% Pellets (USP)

**Physical form and appearance** White to off-white spherical Pellets

**Physical state** solid

**Form** pellet

**Molecular weight** 534.43 g/mol.

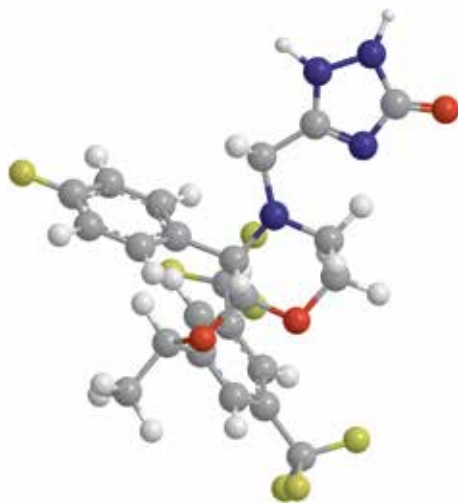
**Molecular formula**  $C_{23}H_{21}F_7N_4O_3$

**Identification** Infrared absorption spectrophotometry

**Mesh size** 12#20

**Dissolution** 30 minutes

**Storage** Keep container tightly closed in a dry and well-ventilated place. Store in cool place.



## General Properties

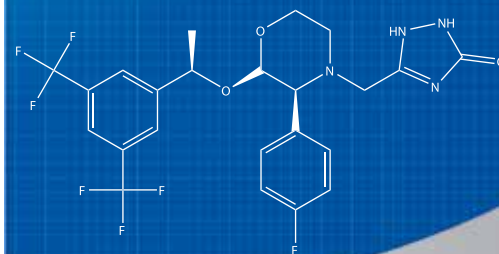
**International nonproprietary name (INN)**  
Aprepitant

**IUPAC name**  
5-([(2R,3S)-2-((R)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-3-(4-fluorophenyl)morpholino]methyl)-1H-1,2,4-triazol-3(2H)-one

**Cas registry No.**  
170729-80-3

**indication**  
prevent nausea and vomiting caused by cancer drug

**structure**



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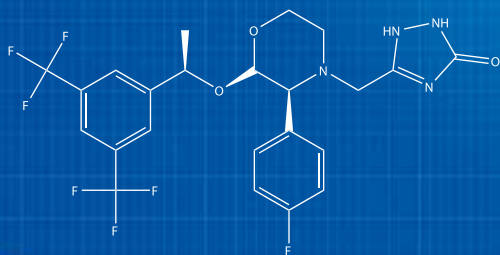
### Cas registry No.

170729-80-3

### indication

prevent nausea and vomiting caused by cancer drug

### Structure



## Aprepitant (USP)

**Physical form and appearance** white, cream

**Physical state** Solid

**Form** powder

**Molecular weight** 534.43

**Molecular formula**  $C_{23}H_{21}F_7N_4O_3$

**Identification** Infrared absorption spectrophotometry

**Solubility** Aprepitant is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide (DMF)

**Storage** Keep container tightly closed in a dry and well-ventilated place. Store in cool place.

