

Product Data Sheet

Product Name: Tolperisone HCl

Cat. No.: GC10427

Chemical Properties

Cas. No. 3644-61-9

Chemical Name 2-methyl-1-(4-methylphenyl)-3-piperidin-1-ylpropan-1-one;hydrochloride

SMILES CC1=CC=C(C=C1)C(=O)C(C)CN2CCCCC2.Cl

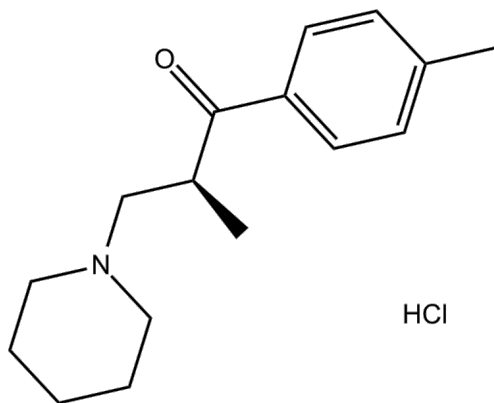
Formula $C_{16}H_{23}NO \cdot HCl$ M.Wt 281.82

Solubility $\geq 10.55\text{mg/mL}$ in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Tolperisone hydrochloride is a centrally acting muscle relaxant, is indicated for use in the treatment of pathologically increased tone of the cross-striated muscle caused by neurological diseases (damage of the pyramidal tract, multiple sclerosis, myelopathy, encephalomyelitis) and of spastic paralysis and other encephalopathies manifested with muscular dystonia.

Caution: Product has not been fully validated for medical applications. For research use only.

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