

Bambuterol Hydrochloride

ALTERNATE NAME: N,N-dimethyl-carbamic acid-3-[[[(dimethylamino)carbonyl]oxy]-5-[2-[(1,1-dimethylethyl)amino]-1-hydroxyethyl]phenyl ester, monohydrochloride
KWD 2183

CATALOG #: B2679-10 10 mg
B2679-50 50 mg

MOLECULAR FORMULA: $C_{18}H_{29}N_3O_5 \cdot HCl$

MOLECULAR WEIGHT: 403.90

CAS NUMBER: 81732-46-9

APPEARANCE: White to off-white solid

PURITY: $\geq 95\%$

SOLUBILITY: ~ 10 mg/ml (PBS, pH 7.2)

DESCRIPTION: Bambuterol is a prodrug for terbutaline that acts as a long-acting β -adrenoceptor agonist. Bambuterol is converted to terbutaline by butyrylcholinesterases in the liver and plasma. Acts as a bronchodilator and anti-histamine agent.

STORAGE TEMPERATURE: $-20^{\circ}C$. Protect from moisture

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:
Clenbuterol ELISA Kit (E4564)
Guanfacine hydrochloride (B2990)

DISCLAIMER: ***FOR RESEARCH USE ONLY! Not to be used on humans.***