Product datasheet

Nisoxetine hydrochloride, norepinephrine reuptake (NET) inhibitor ab141134

Overview

Product name  Nisoxetine hydrochloride, norepinephrine reuptake (NET) inhibitor
Description  Potent and selective norepinephrine reuptake (NET) inhibitor
Biological description  Potent and selective norepinephrine reuptake (NET) inhibitor (K<sub>i</sub> values are 0.46, 158 and 505 nM for NET, SERT and DAT, respectively).
Purity  > 99%

Properties

Chemical name  (t)-γ-(2-Methoxyphenoxy)-N-methylbenzenepropanamine hydrochloride
Molecular weight  307.82
Chemical structure

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Cl.COc2ccccc2OC(CCNC)c1ccccc1
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Molecular formula  C<sub>17</sub>H<sub>21</sub>NO<sub>2</sub>·HCl
CAS Number  57754-86-6
PubChem identifier  134453
Storage instructions  Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview  Soluble in water to 100 mM
Handling  Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES  Cl.COc2ccccc2OC(CCNC)c1ccccc1
Source  Synthetic
Please note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS”

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