

Bupropion (hydrochloride)

Catalog No: tcsc2503



Available Sizes

Size: 50mg

Size: 100mg



Specifications

CAS No:

31677-93-7

Formula:

$C_{13}H_{19}Cl_2NO$

Pathway:

Neuronal Signaling

Target:

Dopamine Transporter

Purity / Grade:

>98%

Solubility:

DMSO: ≥ 29 mg/mL

Alternative Names:

Amfebutamone hydrochloride

Observed Molecular Weight:

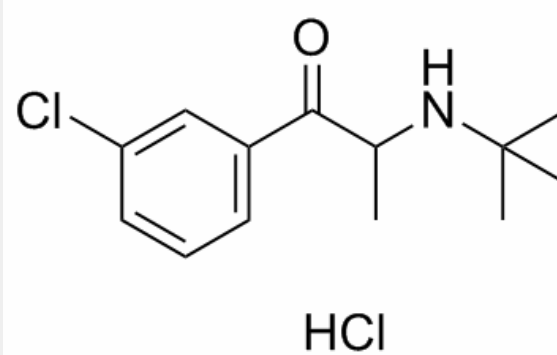
276.2

Product Description

Bupropion Hydrochloride is a unicyclic, aminoketone antidepressant.

Target: Dopamine Reuptake; Norepinephrine Reuptake

Bupropion is a second-generation antidepressant, with a mechanism of action different from most antidepressants, in that it is a dopamine and norepinephrine reuptake inhibitor [1]. Bupropion is approved for use in major depression and seasonal affective disorder and has demonstrated comparable efficacy to other antidepressants in clinical trials. Bupropion is also useful in augmenting a partial response to selective serotonin reuptake inhibitor antidepressants, although bupropion should not be combined with monoamine oxidase inhibitors [2]. Bupropion has demonstrated efficacy comparable to that of other antidepressants [3].



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