Phenelzine sulfate, MAO inhibitor ab144825

Overview

Product name
Phenelzine sulfate, MAO inhibitor

Description
Non-selective, irreversible MAO inhibitor

Biological description
Non-selective, irreversible MAO inhibitor. Inhibits the 5-HT inward current ($IC_{50} = 1.3 \, \mu M$). Increases GABA concentrations. Shows antidepressant and anxiolytic effects in vivo. Orally active.

CAS Number
156-51-4

Chemical structure

![Chemical structure](image)

Properties

Chemical name
2-Phenylethylhydrazine sulfate

Molecular weight
234.27

Molecular formula
$C_8H_{12}N_2.H_2SO_4$

PubChem identifier
61100

Storage instructions
Store at +4°C (desiccating conditions).

Solubility overview
Soluble in water to 100 mM

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

SMILES
$C1=CC=C(C=C1)CCNN.OS(=O)(=O)O$

Source
Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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