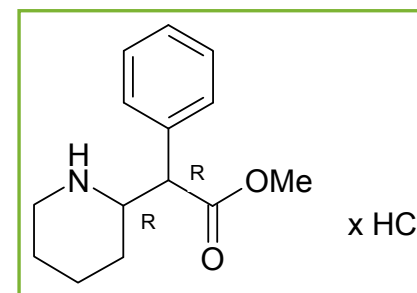


Dexmethylphenidate HCl

- The chemical name is (1R, 2R)- α -phenyl-2-piperidineacetic acid methyl ester. It is the pure and active enantiomer of Methylphenidate.
- It is a psychostimulant used, as Methylphenidate, in attention deficit disorder (ADD), and attention deficit hyperactivity disorder (ADHD). Administration of dexmethyl phenidate is done at half the normal dose for racemic methylphenidate to children with ADHD, resulting in statistically significant improvements in academic productivity with a better control of behavioral symptoms; dexmethyl phenidate has also a longer duration of action compared with dl-methylphenidate.



CAS: [19262-68-1]

Formula:

$C_{14}H_{19}NO_2 \cdot HCl$

M. Weight: 269,77