

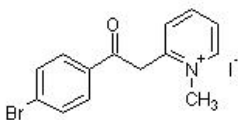
Product datasheet

S 24795 ab120553

Overview

Product name	S 24795
Description	Partial $\alpha 7$ nAChR agonist
Biological description	Partial $\alpha 7$ nAChR agonist ($EC_{50} = 34 \mu M$). Alleviates memory impairments, improving contextual memory. Displays greater memory enhancement effect than Memantine (ab120249). Disrupts Amyloid β / $\alpha 7$ nAChR interaction to reduce Alzheimer's disease-like pathologies.
Purity	> 99%

Properties

Chemical name	2-[2-(4-Bromophenyl)-2-oxoethyl]-1-methylpyridinium iodide
Molecular weight	418.07
Chemical structure	

Molecular formula C₁₄H₁₃BrINO

CAS Number 304679-75-2

Storage instructions Store at +4°C. The product can be stored for up to 12 months.

Solubility overview Soluble in DMSO to 100 mM and in water to 10 mM (with heating)

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.

Source Synthetic

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