

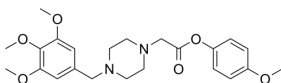
**KB-5492 (free base)**

Cat. No.: HY-47228  
CAS No.: 113594-64-2  
Batch No.: 179834  
Chemical Name: 1-Piperazineacetic acid, 4-[(3,4,5-trimethoxyphenyl)methyl]-, 4-methoxyphenyl ester

**PHYSICAL AND CHEMICAL PROPERTIES**

Molecular Formula: C<sub>23</sub>H<sub>30</sub>N<sub>2</sub>O<sub>6</sub>  
Molecular Weight: 430.49  
Storage: Powder      -20°C    3 years  
                                    4°C      2 years  
                                    In solvent    -80°C    6 months  
  -20°C    1 month

Chemical Structure:

**ANALYTICAL DATA**

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.06%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA