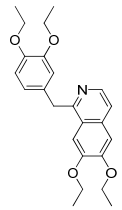
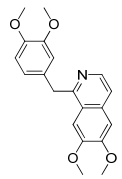
A



Ethaverine



Papaverine

B

Compounds	Pharmacological Use
Brompheniramine (**1**)	H1 Histamine Receptor Antagonist
Diphenhydramine (**2**)	
Ranitidine (**12**)	H2 Histamine Receptor Antagonist
Thioperamide (**13**)	H3 & H4 Histamine Receptor Antagonist
Zimelidine (**3**)	Serotonine-Specific Reuptake Inhibitor
Fluoxetine (**4**)	
Sertraline (**5**)	
Paroxetine (**6**)	
Clomipramine (**7**)	Tricyclic Antidepressant
Imipramine (**8**)	
Desipramine (**9**)	
Doxepin (**10**)	
GBR-12935 (**11**)	Dopamine Reuptake Inhibitor

Supplementary Figure 4. Chemical structures of Ethaverine and Papaverine (**A**), and pharmacological uses of various compounds structurally- or functionally-related to Brompheniramine (**B**).