



Meprobamate [HRP] (DAG1225)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Meprobamate, HRP conjugate
Antigen Description	Meprobamate is a carbamate derivative which is used as an anxiolytic drug. It was the best-selling minor tranquilizer for a time, but has largely been replaced by the benzodiazepines. Although it was marketed as being safer, meprobamate has most of the pharmacological effects and dangers of the barbiturates (though it is less sedating at effective doses). It is reported to have some anticonvulsant properties against absence seizures, but can exacerbate generalized tonic-clonic seizures. Meprobamate's mechanism of action is not completely known. It has been shown in animal studies to have effects at multiple sites in the central nervous system, including the thalamus and limbic system. Meprobamate binds to GABAA receptors which interrupts neuronal communication in the reticular formation and spinal cord, causing sedation and altered perception of pain. It has been shown that meprobamate has the ability to activate currents even in the absence of GABA. It is also a potent adenosine reuptake inhibitor (AdoRI).
Species	N/A
Conjugate	HRP
Format	Concentrate
Size	0.5 ml
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Meprobamate is a carbamate derivative which is used as an anxiolytic drug. It was the best-selling minor tranquilizer for a time, but has largely been replaced by the benzodiazepines.
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Keywords

Meprobamate
