



Barbiturate [BSA] (DAG2962)

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

PRODUCT INFORMATION

Product Overview	Barbiturate, BSA-Conjugated
Species	N/A
Conjugate	BSA
Applications	immunoassay development or other applications.
Format	Liquid
Concentration	5 mg/mL
Size	1 mg
Buffer	Supplied in 20 mM potassium phosphate, pH 7.5
Preservative	0.1% Sodium Azide
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction

Barbiturates are drugs that act as central nervous system depressants, and can therefore produce a wide spectrum of effects, from mild sedation to total anesthesia. They are also effective as anxiolytics, as hypnotics, and as anticonvulsants. Barbiturates also have analgesic effects, however these effects are somewhat weak, preventing barbiturates from being used in surgery in the absence of other analgesics. They have addiction potential, both physical and psychological. Barbiturates have now largely been replaced by benzodiazepines in routine medical practice - for example, in the treatment of anxiety and insomnia – mainly because benzodiazepines are significantly less dangerous in overdose. However, barbiturates are still used in general anesthesia, for epilepsy, and assisted suicide. Barbiturates are derivatives of

barbituric acid.

Keywords

Barbiturate; barbiturate anion; 2,4,6-trioxotetrahydro-2H-pyrimidin-1-ide
