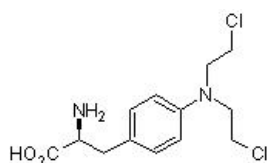


Product datasheet

Melphalan, Phenylamine derivative of mechorethamine ab142635

Overview

Product name	Melphalan, Phenylamine derivative of mechorethamine
Description	Alkylating agent. Phenylamine derivative of mechorethamine
Biological description	Alkylating agent. Phenylamine derivative of mechorethamine. Attaches an alkyl group to the guanine base of DNA at the number 7 nitrogen atom of the imidazole ring. Active <i>in vivo</i> .
Purity	> 94%
CAS Number	148-82-3
Chemical structure	



Properties

Chemical name	(2S)-2-Amino-3-[4-[bis(2-chloroethyl)amino]phenyl]propanoic acid
Molecular weight	305.20
Molecular formula	C ₁₃ H ₁₈ Cl ₂ N ₂ O ₂
PubChem identifier	460612
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 10 mM
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.
SMILES	C1=CC(=CC=C1CC(C(=O)O)N)N(CCCI)CCCI
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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