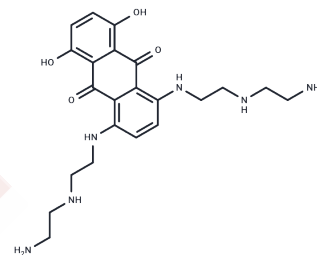


WEHI-150

## Chemical Properties

CAS No. : 70492-21-6  
 Formula: C<sub>22</sub>H<sub>30</sub>N<sub>6</sub>O<sub>4</sub>  
 Molecular Weight: 442.51  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	WEHI-150 is an analog of mitoxantrone, a DNA interstrand cross-linker (t <sub>1/2</sub> =12.5 h). WEHI-150 is capable of forming covalent adducts on CpG sequences, with a particular preference for methylated CpG sites. Formaldehyde-activated WEHI-150 induces DNA interstrand cross-linking and blocks transcription in a concentration-dependent manner. WEHI-150 mediates the formation of covalent adducts that do not interact with guanine N-2 and forms adducts on new DNA sequences.
Targets(IC50)	Others,DNA Alkylator/Crosslinker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2598 mL	11.2992 mL	22.5984 mL
5 mM	0.452 mL	2.2598 mL	4.5197 mL
10 mM	0.226 mL	1.1299 mL	2.2598 mL
50 mM	0.0452 mL	0.226 mL	0.452 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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