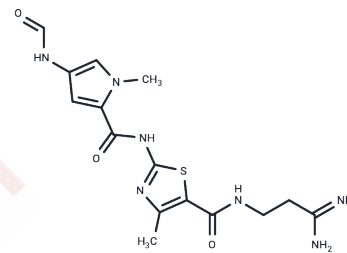


## Lexitropsin 1

## Chemical Properties

CAS No. :	123725-00-8
Formula:	C <sub>15</sub> H <sub>19</sub> N <sub>7</sub> O <sub>3</sub> S
Molecular Weight:	377.42
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	Lexitropsin 1 is a new anticancer drug.
Targets(IC50)	Others,DNA Alkylator/Crosslinker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6496 mL	13.2478 mL	26.4957 mL
5 mM	0.5299 mL	2.6496 mL	5.2991 mL
10 mM	0.265 mL	1.3248 mL	2.6496 mL
50 mM	0.053 mL	0.265 mL	0.5299 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.

## Reference

Kumar S, Bathini Y, Joseph T, Pon RT, Lown JW. Structural and dynamic aspects of non-intercalative (1:1) binding of a thiazole-lexitropsin to the decadeoxyribonucleotide d-[CGCAATTGCG]2: An 1H-NMR and molecular modeling study. J Biomol Struct Dyn. 1991 Aug;9(1):1-21. PubMed PMID: 1664210.

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