

A 68828

## Chemical Properties

CAS No. :	132309-52-5
Formula:	C <sub>68</sub> H <sub>116</sub> N <sub>26</sub> O <sub>15</sub> S <sub>2</sub>
Molecular Weight:	1601.96
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	A 68828 is an analog of the atrial natrium factor. It improves kidney function and reduces tissue damage.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6242 mL	3.1212 mL	6.2424 mL
5 mM	0.1248 mL	0.6242 mL	1.2485 mL
10 mM	0.0624 mL	0.3121 mL	0.6242 mL
50 mM	0.0125 mL	0.0624 mL	0.1248 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

- Pollock DM, Opgenorth TJ. Beneficial effect of the atrial natriuretic factor analog A68828 in postischemic acute renal failure. *J Pharmacol Exp Ther.* 1990 Dec;255(3):1166-9. PubMed PMID: 2148187.
- Pollock DM, Opgenorth TJ. Beneficial effect of the ANF analog A68828 on recovery from ischemic acute renal failure. *Ren Fail.* 1992;14(2):141-6. PubMed PMID: 1386156.
- Deegan PM, Ryan MP, Basinger MA, Jones MM, Hande KR. Protection from cisplatin nephrotoxicity by A68828, an atrial natriuretic peptide. *Ren Fail.* 1995 Mar;17(2):117-23. PubMed PMID: 7644762.
- Pollock DM, Holst M, Opgenorth TJ. Effect of the ANF analog A68828 in cisplatin-induced acute renal failure. *J Pharmacol Exp Ther.* 1991 Jun;257(3):1179-83. PubMed PMID: 1828504.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481