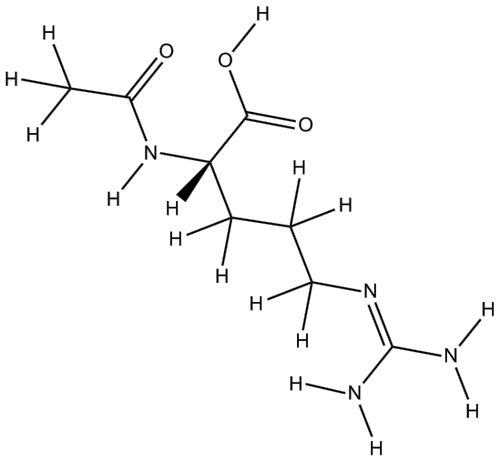
Product Data Sheet

Product Name: Ac-Arg-OH.2H2O
Cat. No.: GA11174

Chemical Properties

Cas. No.	155-84-0		
Chemical Name	(S)-2-acetamido-5-((diaminomethylene)amino)pentanoic acid		
SMILES	O=C([C@@](C([H])([H])C([H])([H])C([H])([H])/N=C(N([H])[H])/N([H])[H])([H])N([H])C(C([H])([H])[H])=O)O[H]		
Formula	$C_8H_{16}N_4O_3$	M.Wt	216.24
Solubility	H_2O : 50 mg/mL (231.22 mM; Need ultrasonic); DMSO : 14.29 mg/mL (66.08 mM; Need ultrasonic)	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			

Background

Ac-Arg-OH is one of the guanidino compounds found elevated in the serum of an hemodialyzed renal insufficient (uremic) pediatric population.

Caution: Product has not been fully validated for medical applications. For research use only.
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Address: 10292 Central Ave. #205, Montclair, CA, USA

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References:

[1]. De Deyn PP, et al. Serum guanidino compound levels in uremic pediatric patients treated with hemodialysis or continuous cycle peritoneal dialysis. Correlations between nerve conduction velocities and altered guanidino compound concentrations. Nephron. 1995;69(4):411-7.

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