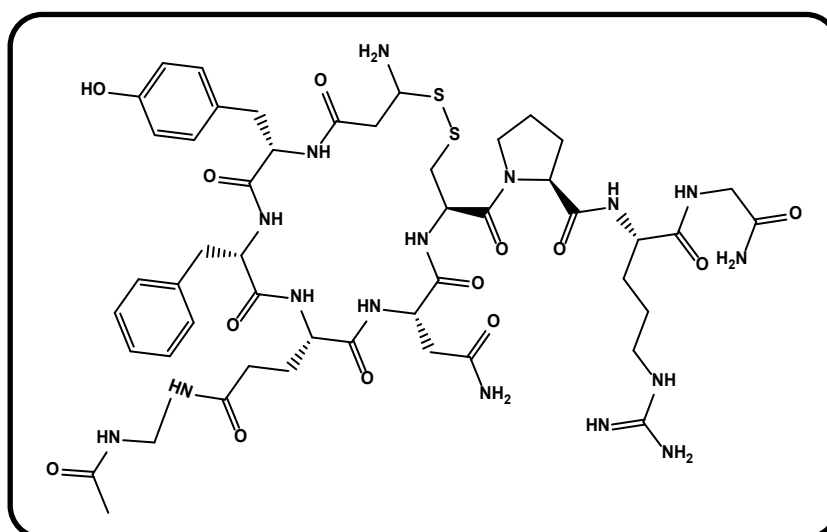


Daicel now offers Gln(Acm)-Vasopressin

AVAILABLE NOW

DCTI-D-075

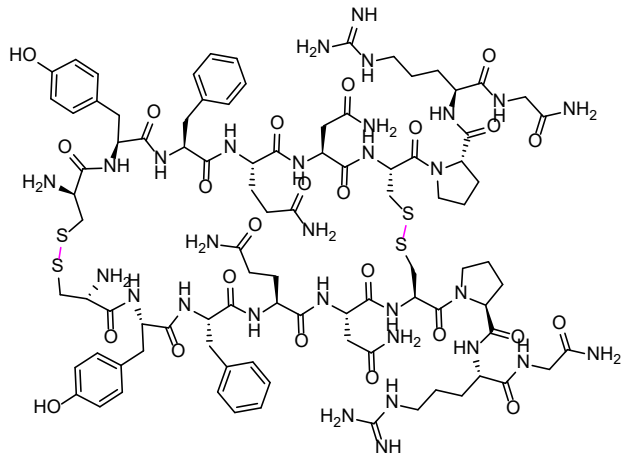


TRUE COPY		DAICEL CHIRAL TECHNOLOGIES (INDIA) PRIVATE LIMITED SUBSIDIARY OF DAICEL DAICEL CORPORATION			
DNV·GL		ISO 9001:2015 CERTIFIED		US-FDA FEI: 3009883135	
CERTIFICATE OF ANALYSIS					
Product Name	Gln(Acm)-Vasopressin				
Molecular formula	C ₄₉ H ₇₀ N ₁₆ O ₁₃ S ₂	Batch Number	DCTI-SYN-PS3-007-040		
Molecular weight	1155.32	Batch quantity	105 mg		
Molecular structure: 	Date of Manufacturing	31-Jan-2022			
	Date of Analysis	02-Feb-2022			
	Next Retest Date	01-Feb-2024			
	COA No.	COA-AS-22-126			
Storage Conditions	Store at -20±5°C, Protect from light and moisture.				
Chemical name	L-cystyl-L-tyrosyl-L-phenylalanyl-glutamyl(Acetamidomethyl)-L-asparaginyl-L-cystyl-L-prolyl-L-arginyl-glycinamide (disulfide bridge between Cysteines).				
S.No.	Test	Result			
1	Description	White to off-White lyophilized powder			
2	Solubility	Soluble in Water			
3	Identification by Mass spectrometry	Conforms to the structure			
4	Identification by ¹ H NMR	Conforms to the structure			
5	Identification by D ₂ O Exchange	Conforms to the structure			
6	Identification by FT-IR	Conforms to the structure			
7	Purity by HPLC (% Area)	98.25			
8	Loss on drying (LOD) by TGA (%w/w)	3.15			
9	Potency (%w/w)	95.16			
Other Names: Gln(Acm)-AVP, Gln(Acm)4-Vasopressin.					
Note: This is a certified standard suitable for identification, qualitative and quantitative analysis. Not for human or animal consumption.					
Function	Compiled by	Checked by	Approved By		
Name	Lingareddy. S	G. Viswanadha	P. Mourya		
Department	Analytical Services	Analytical Services	Quality Assurance		
Sign & Date	<i>Li</i> 04-Feb-2022	<i>G</i> 04-Feb-2022	<i>M</i> 04-Feb-2022		
Ref. Guideline No.: DCTI-GL-AS-0001 Form-AS-0359-00					
CIN:U24100TG2008PTC058509 Survey No: 542/2, IKP Knowledge Park, Koltur Village, Shamirpet Mandal, Medchal-Malkajgiri District, Hyderabad-500101, Telangana, India. Tel.No.+918418660700, Fax. +918418660730					

VASOPRESSIN RELATED IMPURITIES

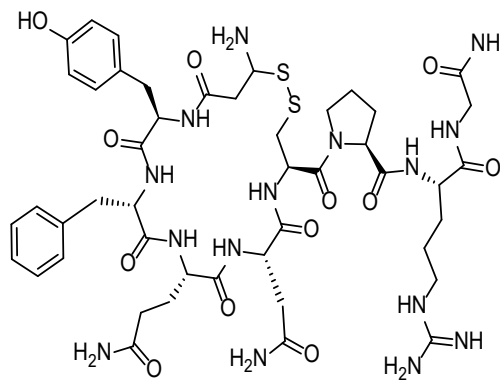
Parallel Dimer - Vasopressin

DCTI-D-061



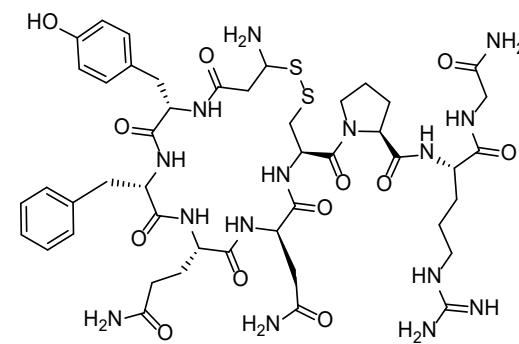
D-Tyr-Vasopressin

DCTI-D-062



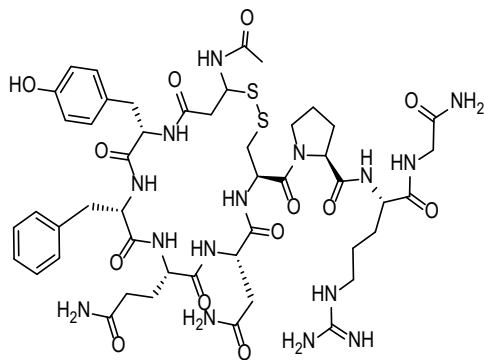
D-Asn-Vasopressin

DCTI-D-063



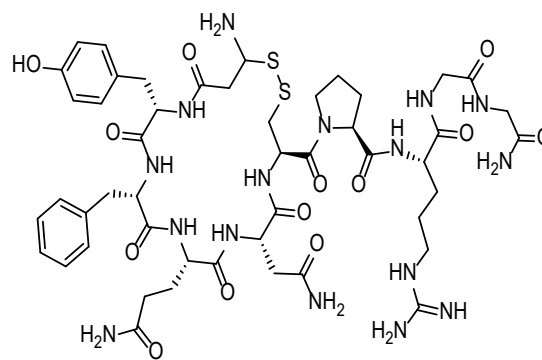
Ac-Vasopressin

DCTI-D-064



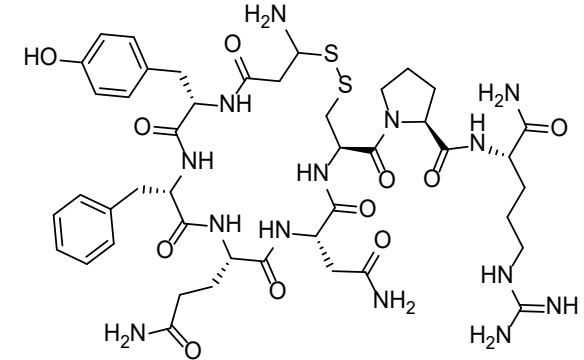
Endo-Gly-Vasopressin

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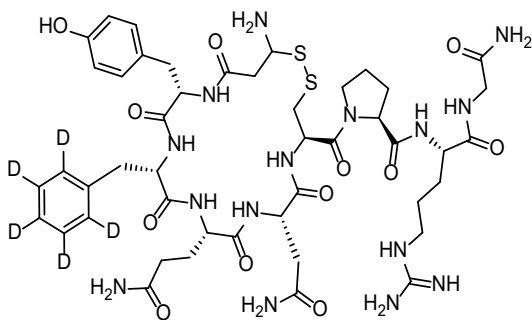
Des-Gly-Vasopressin

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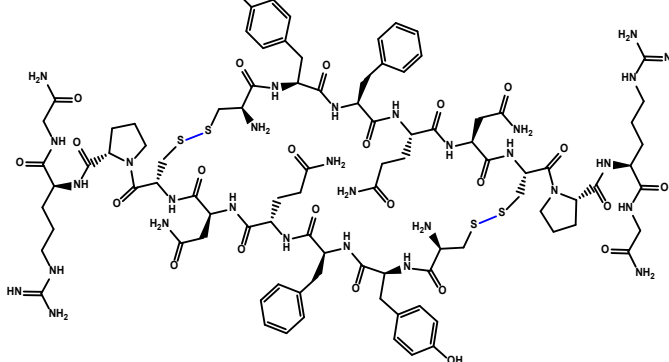
Vasopressin D5

DCTI-D-067



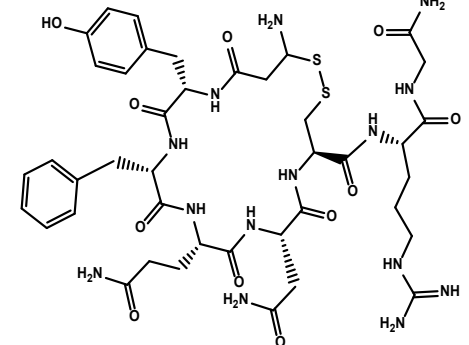
Anti-Parallel Dimer-Vasopressin

DCTI-D-070



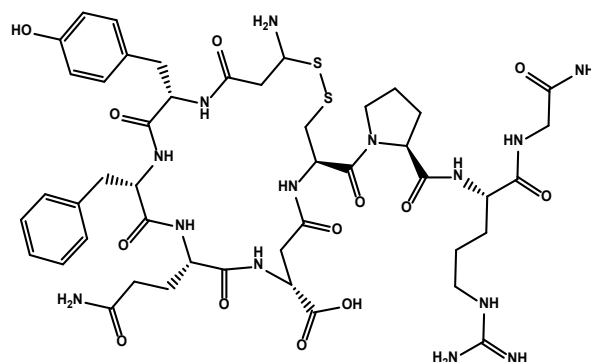
Des-Pro-Vasopressin

DCTI-D-073



β -Asp(5)-Vasopressin

DCTI-D-074



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Hyderabad-500101, Telangana India

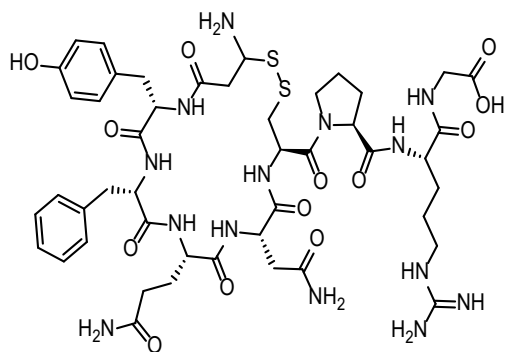
+91 8418660700 & 703

chiral@chiral.daicel.com www.daicelpharmastandards.com

VASOPRESSIN RELATED IMPURITIES

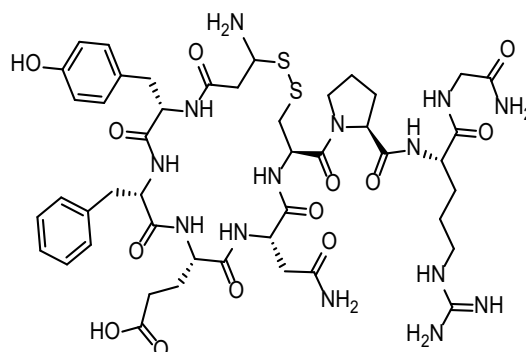
Gly-OH-Vasopressin

DCTI-D-028



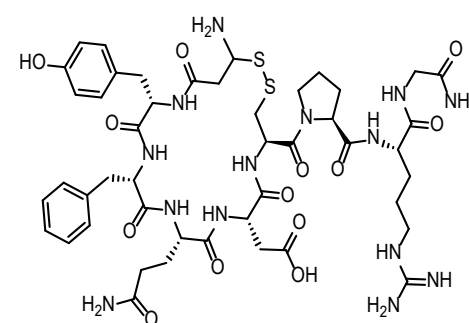
Glu4- AVP

DCTI-D-029



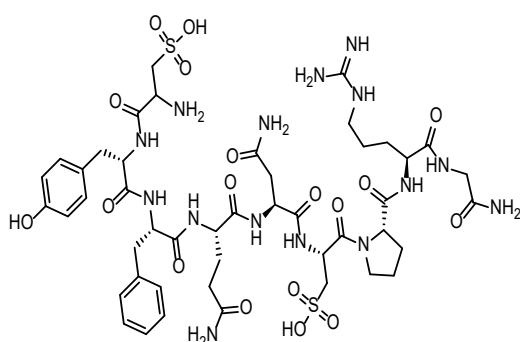
Asp5- AVP

DCTI-D-030



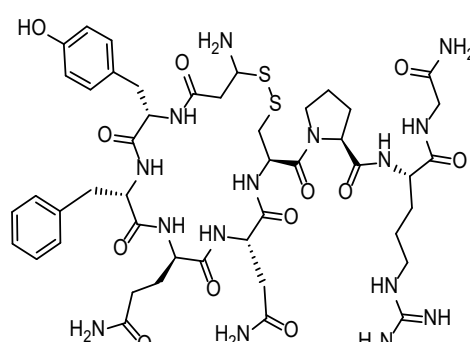
Di-sulfonic acid- AVP

DCTI-D-031



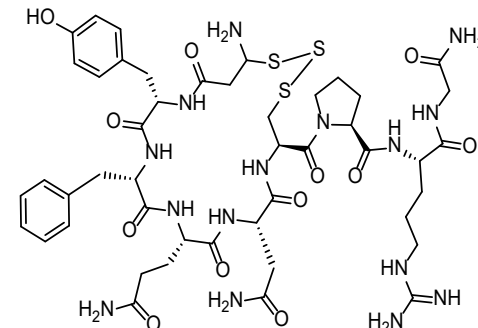
D-Gln(4)-Vasopressin

DCTI-D-053



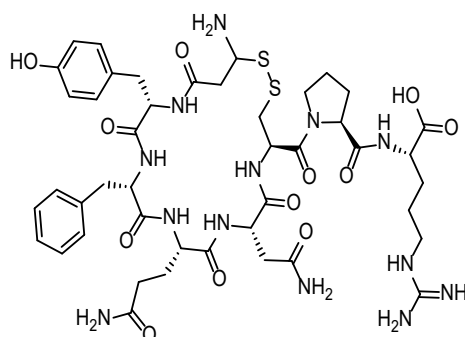
Trisulfide-Vasopressin

DCTI-D-054



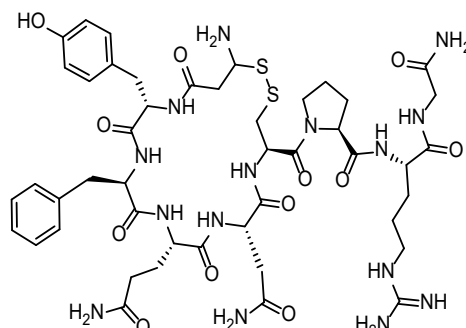
Des-Gly-OH-Vasopressin

DCTI-D-055



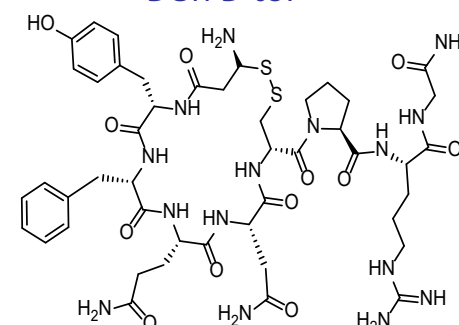
D-Phe(3)-Vasopressin

DCTI-D-056



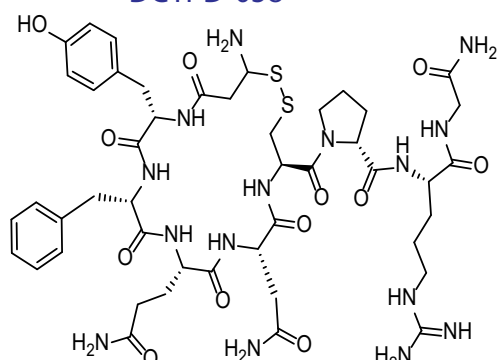
D-Cys(6)-Vasopressin

DCTI-D-057



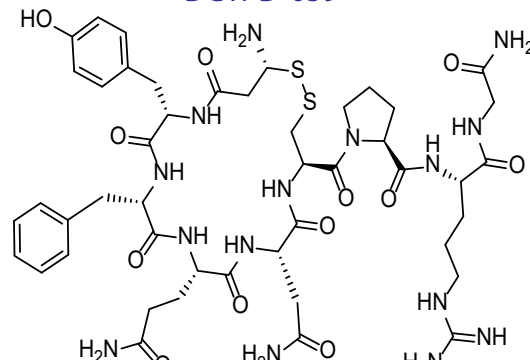
D-Pro(7)-Vasopressin

DCTI-D-058



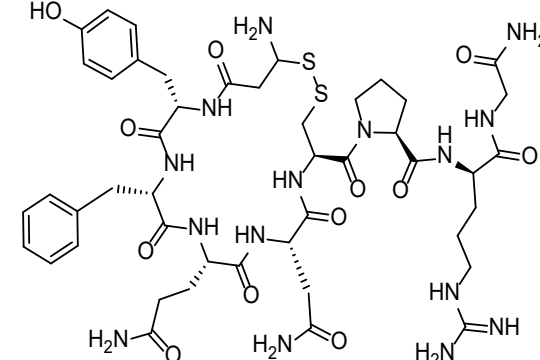
D-Cys(1)-Vasopressin

DCTI-D-059



D-Arg(8)-Vasopressin

DCTI-D-060



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