

Product Information

Carbazochrome sodium sulfonate, Purity ≥98%

Cat. No.: X24-09-YM1415

Size: 50 mg; 100 mg; 200 mg; 500 mg

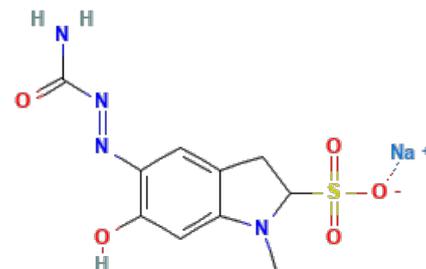
MDL: MFCD09832861

CAS Number: 51460-26-5

Compound CID: 135705561

Synonym: 51460-26-5; Adenaron; Carbazon; Emex; Donaseven; Odanon; Tazin; AC 17; Auzei; Carbazochrome (sodium sulfonate); AC-17; Sodium;

5-(carbamoyldiazenyl)-6-hydroxy-1-methyl-2,3-dihydroindole-2-sulfonate



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Carbazochrome sodium sulfonate, soluble in DMSO and water and insoluble in ethanol, is an antihemorrhagic compound. The molecular weight of the compound is 322.27, and its molecular formula is C ₁₀ H ₁₁ N ₄ NaO ₅ S.
Molecular Weight	322.27
Molecular Formula	C ₁₀ H ₁₁ N ₄ NaO ₅ S
IUPAC Name	Sodium;5-(carbamoyldiazenyl)-6-hydroxy-1-methyl-2,3-dihydroindole-2-sulfonate
InChI	InChI=1S/C10H11N4O5S.Na/c1-14-7-4-8(15)6(12-13-10(11)16)2-5(7)3-9(14)20(17,18)19;/h2,4,9,15 H,3H2,1H3,(H2,11,16)(H,17,18,19);/q;+1/p-1
InChI Key	PDZKPUQLQNDXMQ-UHFFFAOYSA-M
Canonical SMILES	CN1C(CC2=CC(=C(C=C21)O)N=NC(=O)N)S(=O)(=O)[O-].[Na+]
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Solubility	<i>In vitro</i> : DMSO: 56 mg/mL (173.77 mM); Water: 3 mg/mL (9.3 mM); Ethanol: insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Carbazochrome sodium sulfonate plays a key role in promoting clot formation and is beneficial in various bleeding conditions.



Storage

Store at -20°C, and keep desiccated.
