

Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customercare-usa@hellobio.com



DATASHEET

Acid Fuchsin

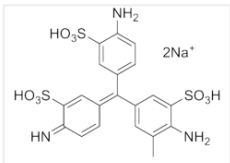
Product overview

Name	Acid Fuchsin
Cat No	HB0698
Description	Used in Masson's Trichrome stain
Biological description	Used in Masson's Trichrome stain for tissue staining. Inhibits amyloid formation by human IAPP.
Biological action	Dyes & stains

Solubility & Handling

Storage instructions	Room temperature
Solubility overview	Soluble in water (1 mg/ml)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	Acid Violet 19; Fuchsin S; Fuchsin acid; Rubine S
Molecular Weight	585.54
Chemical structure	 <p>The chemical structure shows a central carbon atom bonded to three benzene rings. The top ring has an amino group (-NH₂) and a sulfonate group (-SO₃⁻) at the para position, with a sodium ion (Na⁺) nearby. The bottom-left ring has an amino group (-NH₂) and a sulfonate group (-SO₃⁻) at the para position. The bottom-right ring has an amino group (-NH₂) and a sulfonate group (-SO₃⁻) at the para position. The overall structure is labeled with 2Na⁺.</p>
Molecular Formula	C ₂₀ H ₁₇ N ₃ Na ₂ O ₉ S ₃
CAS Number	3244-88-0
PubChem identifier	16219374
SMILES	<chem>CC1=CC(=C(C2=CC(=C(C=C2)N)S(=O)(=O)O)C3=CC(=C(C=C3)N)S(=O)(=O)[O-])C=C(C1=N)S(=O)(=O)[O-].[Na+].[Na+]</chem>