

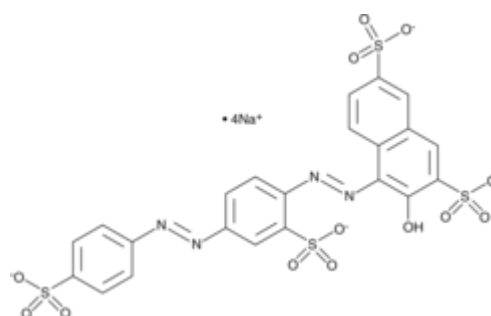


Ponceau S

Reversible stain for the detection of proteins on PVDF and nitrocellulose membranes after Western blot transfer

Product Description

Name :	Ponceau S Acid Red 112 3-Hydroxy-4-[2-sulfo-4-(4-sulfophenylazo)-phenylazo]-2,7-naphthalindisulfonic acid
Catalog Number :	050260, 25 g 050262, 100 g
Structure :	C ₂₂ H ₁₂ N ₄ Na ₄ O ₁₃ S ₄ CAS [6226-79-5]
Molecular Weight :	760.56 g/mol
Solubility :	0.5 mg/ml in ethanol and DMF 10 mg/ml in DMSO
Properties:	min. 80%, lambda(max) (water): 517-523nm, loss on drying: max. 10%



Storage: Room temperature

Introduction

Ponceau S is used for reversible staining proteins blotted on nitrocellulose membran and while running a TAU electrophoresis.

Directions for use

Guidelines for use

The reversibility of the staining process is ideally suited for subsequent immunoblots (western blot) or other colour reactions as Ponceau S can be completely removed. Ponceau S is not stable for long time, thus proteins and protein markers should be marked with a pencil. For staining the membrane is incubated in a 0.1% - 0.5% Ponceau S solution in 3% trichloroacetic acid for 5 - 10 minutes. Destaining is done by incubating the stained membrane in 5% acetic acid for 15 minutes.

Technical and Scientific Information

References

- **Stochaj W. et al.**, Staining Membrane-Bound Proteins with Ponceau S, *Cold Spring Harb Protoc*, pdb.prot4543 (2006) [Abstract](#)
- Ponceau S solution, *Cold Spring Harb Protoc*, pdb.rec10027 (2006) [Article](#)
- Ponceau S staining solution, *Cold Spring Harb Protoc*, pdb.rec10772 (2007) [Recipe](#)

FT-050260

Related products

- Ponceau S solution, YS2850
- Bromophenol Blue, 03985K
- Coomassie Brilliant Blue G250, 1B8100
- DAPI, 99963A

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

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