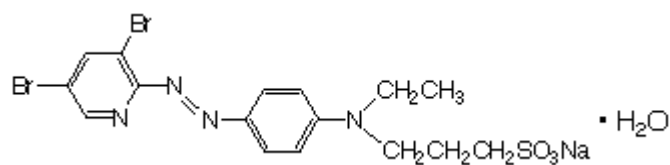


## CHROMOGENS

## 3,5-DiBr-PAESA – DO-41

## SPECIFICATIONS

CAS	100743-65-5
Name	4-(3,5-dibromo-2-pyridylazo)-N-ethyl-N-sulfopropylaniline mono-sodium salt, monohydrate
Appearance:	Dark reddish brown or black purple brown powder
Molecular weight:	546.21
Molecular formula:	C <sub>16</sub> H <sub>17</sub> Br <sub>2</sub> N <sub>4</sub> NaO <sub>3</sub> S.H <sub>2</sub> O
Solubility in water:	To pass test (clear, red)
Molar absorptivity:	> 32 000 (around 503 nm)
Molar absorptivity (Cu chelate):	> 124 000 (637 nm)
IR spectrum:	Authentic
Storage:	Store in a cool and dry place. Keep tightly closed. Protect from metal.
Stability:	At least 1 year at 2 – 8 °C.



3,5-DiBr-PAESA

## CONTACTS

See us on the web at:

<http://www.sorachim.com>

Or send us an e-mail at:

[contact@sorachim.com](mailto:contact@sorachim.com)

## APPLICATIONS

This compound is used for the detection of Cu(II) and Ag(I) in clinical chemistry reagents.  $\lambda$  max and absorptivity, respectively 639nm/134,000 and 618nm/80,000