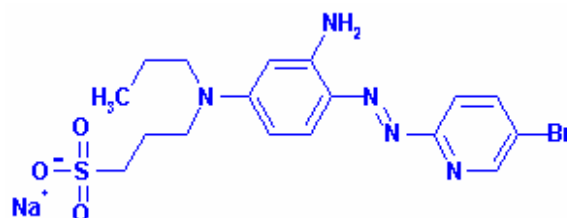


## CHROMOGENS

## 5-Br-PSAA – PSA-05C

## SPECIFICATIONS

CAS	87035-60-7
Name	2-(5-bromo-2-pyridylazo)-5-(N-propyl-N-sulfopropylamino)aniline
Appearance:	Reddish orange or orange powder
Molecular weight:	478.34
Molecular formula:	C <sub>17</sub> H <sub>21</sub> BrN <sub>5</sub> NaO <sub>3</sub> S
Absorbance : (1.03 x 10 <sup>-5</sup> M in buffer)	> 0.40 (458 nm)
Molar absorptivity: (Fe <sup>++</sup> complex)	> 86 000 (558 nm)
Solubility:	5 mg/10 ml water
Storage:	2 – 8 °C. Keep tightly closed. Protect from metal. Store in a dry place.
Stability:	At least one year at 2 - 8 °C.



5-Br-PSAA

## CONTACTS

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<http://www.sorachim.com>

Or send us an e-mail at:

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

## APPLICATIONS

This chromogen is used for the detection of Fe(II) and Co(III) in clinical chemistry reagents. EDTA can dissolve Cu(II) and Ni(II) complexes so it is useful to determine Fe in the presence of Cu and Ni. Fe(II) complex absorbs at 558nm / 89,000