

5-Br-PSAA**Product Code:** 36121**CAS:** 86035-60-7

SKU: 36121**Category:** [Chromogens](#)**PRODUCT DESCRIPTION****SPECIFICATIONS****CAS 86035-60-7**

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.

Name: 2-(5-bromo-2-pyridylazo)-5-(N-propyl-N-sulfopropylamino)aniline

Appearance: Reddish orange or orange powder

Molecular weight: 478.34

Molecular formula: $C_{17}H_{21}BrN_5NaO_3S$

Absorbance: > 0.40 (458 nm) (1.03×10^{-5} M in buffer)

Molar absorptivity: > 86 000 (558 nm) (Fe++ complex)

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.