

ASPIRIN

SYNONYMS	Acidum acetylsalicylicum (imported Sanofi Product) D,L-Lysinacetylsalicylat (imported Bayer product)
BRAND NAME	ASPEGIC, ASPIRIN IV (Bayer)
DRUG CLASS	Non-steroidal anti-inflammatory (NSAID)
AVAILABILITY	Vial contains 500 mg of acetylsalicylic acid as lysine acetylsalicylate. Also contains glycine. ^{1,2} Available through the Special Access Scheme.
WARNING	Contraindicated in people who are allergic to aspirin or NSAIDs.
pH	4.5–6.5 when reconstituted. ²
PREPARATION	Reconstitute the vial with 5 mL of water for injections. ^{1,2} Aspegic: the concentration is 100 mg/mL. ¹ Bayer Aspirin IV: the concentration is 87.5 mg/mL. Use a 5 micrometre filter (5 micron filter needle) to withdraw the reconstituted solution from the vial. ²
STABILITY	Vial: store below 25 °C. ¹ Aspegic reconstituted and infusion solutions: use immediately. ¹ Aspirin IV solutions: stable for 2 hours at 25 °C. ²
ADMINISTRATION	
IM injection	Not recommended
SUBCUT injection	Not recommended
IV injection	Inject over 30 seconds. ³
IV infusion	Dilute the dose in 100–250 mL of a compatible fluid and infuse over 20 minutes. ^{1,2} For a dose of 500 mg do not use more than 250 mL of compatible fluid. ²
COMPATIBILITY	
Fluids	Glucose 5% ^{1,2} , Hartmann's ² , sodium chloride 0.9% ^{1,2}
Y-site	No information
INCOMPATIBILITY	
Fluids	No information
Drugs	No information
SPECIAL NOTES	Anaphylactic reactions have been reported. ^{1,2}

REFERENCES

1. Aspegic. Product information. Mulgrave, Vic: Medsurge; 23/05/2019.
2. Aspirin IV. Summary of product characteristics. Leverkusen, Germany: Bayer Vital GmbH. Approved 06/07/2005. Updated April 2021.
3. Bayer Health Care. A prospective, randomized, verum controlled, open label, parallel group, multi-center phase III clinical trial to determine the superiority of 500 or 250 mg Aspirin i.v. (BAY81-8781) treatment versus 300mg Aspirin N tablets PO in patients with acute coronary syndrome, measured by time dependant thromboxane inhibition. NIH, NLM. Clinical trials.gov. Accessed 20/05/2019.