

# FLUCYTOSINE

SYNONYMS	5-fluorocytosine, 5-FC
BRAND NAME	ANCOTIL
DRUG CLASS	Antifungal
AVAILABILITY	Glass bottle contains 2.5 g/250 mL (1%) of flucytosine in sodium chloride 0.805%. Also contains hydrochloric acid and trometamol. <sup>1</sup> Contains approximately 34 mmol of sodium. The solution is clear and colourless. <sup>1</sup>
pH	No information
PREPARATION	Ready to use
STABILITY	Store below 25 °C. May precipitate if stored below 15 °C. Redissolve by heating at a maximum temperature of 80 °C for no longer than 30 minutes. <sup>1</sup> Exposure to temperatures above 25 °C may result in formation of 5-fluorouracil (cytotoxic), which cannot be detected visually. <sup>1</sup>
ADMINISTRATION	
<b>IM injection</b>	Not recommended
<b>SUBCUT injection</b>	Not recommended
<b>IV injection</b>	Not recommended
<b>IV infusion</b>	Infuse over 20 to 40 minutes. <sup>1</sup>
<b>IV use for infants and children</b>	Infuse over 20 to 40 minutes. <sup>2</sup> May be infused over a longer period in fluid-restricted patients.
COMPATIBILITY	
<b>Fluids</b>	Glucose 5% <sup>3,4</sup> , glucose 4% and sodium chloride 0.18% <sup>4</sup> , sodium chloride 0.9% <sup>3,4</sup>
<b>Y-site</b>	No information
INCOMPATIBILITY	No information
SPECIAL NOTES	Therapeutic drug monitoring may be required. Refer to <i>Therapeutic Guidelines: Antibiotic</i> for recommendations.

## REFERENCES

1. Product information. Available from [www.tga.gov.au](http://www.tga.gov.au). Accessed 02/09/2019.
2. Paediatric Formulary Committee. BNF for children. Basingstoke, UK: Pharmaceutical Press; 2018-2019.
3. Flucytosine. In: IV index [internet]. Trissel's 2 clinical pharmacetics database (parenteral compatibility). Greenwood Village, CO: Truven Health Analytics. Accessed 02/09/2019.
4. Ancotil. Summary of product characteristics. Potters Bar, UK: Mylan Products. Approved 27/02/09. Updated April 2019. Available from [www.medicines.org.uk](http://www.medicines.org.uk). Accessed 02/09/2019.