



BOSENTAN

Endothelin antagonist

Availability ¹	Brand name	Quick guide
Tablet, film-coated 62.5 mg, 125 mg	Tracleer Generics are available	 

Effect of food Food increases the rate, but does not significantly affect the extent of absorption. Can be given without regard to food.¹

Warnings **Teratogen.**¹ **Do not crush or disperse the tablet if you are pregnant.** Contact a pharmacist or a medicines information service for advice.
Do not stop treatment suddenly. If treatment is to be stopped, reduce the dose gradually over a few days.¹

What to do for people with enteral feeding tubes

- Option 1** Disperse the tablet in water in an enteral syringe. The tablet will disperse in 5–25 mL of water.²⁻⁴
See Method A for instructions.
- Option 2** Some pharmacies can make a suspension from crushed tablets.^{5,6} Contact a pharmacist or a compounding pharmacy for more information.

What to do for people with swallowing difficulties

- Option 1** Disperse the tablet in water. The tablet will disperse in 5–25 mL of water.²⁻⁴
Do not mix with other liquids.²
See Method D for instructions.
- Option 2** If the person cannot swallow thin fluids, crush the tablet and mix with a spoonful of yoghurt or apple puree.
See Method E for instructions.
- Option 3** Some pharmacies can make a suspension from crushed tablets.^{5,6} Contact a pharmacist or a compounding pharmacy for more information.

What to do for doses less than a whole tablet

- Option 1** The 62.5 mg tablet is not scored, but can be cut in half with a tablet cutter. See *Warnings*.
- Option 2** Some pharmacies can make a suspension from crushed tablets.^{5,6} Contact a pharmacist or a compounding pharmacy for more information.
- Option 3** Bosentan is sparingly soluble in water, this is an insoluble dispersion and suitable only for emergency use.
Disperse one 62.5 mg tablet in 12.5 mL of water to make an approximate concentration of 5 mg/mL. Once fully dispersed, shake or stir well and measure the dose immediately.
For more information see *Doses less than a whole tablet or capsule* on p28.

REFERENCES:

1. Product information. Available from www.tga.gov.au. Accessed 30/04/2021.
2. TRACLEER - Reformulation and administration of film-coated tablets. Available from www.janssenmd.com. Accessed 30/04/2021.
3. Buck ML. Use of bosentan in pediatric pulmonary hypertension. *Pediatr Pharm* 2011; 17(11). University of Virginia. Available from www.medicine.virginia.edu. Accessed 30/04/2021.
4. Mohamed WA, Ismail M. A randomised, double-blind, placebo-controlled, prospective study of bosentan for the treatment of persistent pulmonary hypertension of the newborn. *J Perinatol* 2012; 32: 608-13.
5. Allen LJV. Bosentan 6.25 mg/mL oral suspension. *US Pharmacist*: 14/10/2016. Available from www.uspharmacist.com. Accessed 30/04/2021.
6. Malik A, Gorman G, Coward L, Arnold JJ. Stability of an extemporaneously compounded oral suspension of bosentan. *Hosp Pharm* 2016; 51: 389-95.