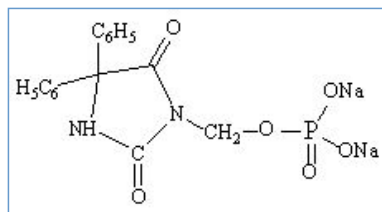


# Stabilis



## Fosphenytoin sodium



Tradename

Cerebryx	Canada, United States of America
Fosphen	India
Fostoin	Japan
Pro - Epanutin	Austria, Denmark, Finland, Great Britain, Iceland, Ireland, Japan, Luxembourg, Netherlands, Norway, Sweden
Prodilantin	Austria, Belgium, Denmark, Finland, Germany, Great Britain, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Netherlands, Poland, Sweden, Switzerland, United States of America



### Stability in solutions

Container	Stability	Concentration	Temperature	Light	Time	Compatibility	Warning	Reference
Plastic	Stable	1 & 8 & 20 mg/ml	25°C	Unknown	30	Compatible	None	800
Plastic	Stable	1 & 8 & 20 mg/ml	4°C	Light sensitive	30	Compatible	None	800
PVC	Stable	1 & 8 & 20 mg/ml	-20°C	Light sensitive	30	Compatible	None	800
PVC	Stable	1 & 8 & 20 mg/ml	25°C	Unknown	30	Compatible	None	800
PVC	Stable	1 & 8 & 20 mg/ml	4°C	Light sensitive	30	Compatible	None	800
Plastic	Not stable	50 mg/ml	-20°C	Light sensitive	30	Compatible	None	800
Plastic	Not stable	50 mg/ml	25°C	Unknown	30	Compatible	None	800
Plastic	Not stable	50 mg/ml	4°C	Light sensitive	30	Compatible	None	800











### Stability of mixtures

Container	Stability	Concentration	Temperature	Light	Mixture	Time	Checkmark	Reference
Plastic	Stable	5 mg/ml	25°C	Unknown	Lorazepam : 1 mg/ml	8	Yes	1419
Plastic	Stable	5 mg/ml	25°C	Unknown	Phenobarbital sodium : 65 mg/ml	8	Yes	1412



## Incompatibilities

		
Fosphenytoin sodium : 20 mg/ml Fenoldopam mesylate : 80 µg/ml		1803
Fosphenytoin sodium : 25 mg/ml Isavuconazonium sulfate : 1.5 mg/ml		3829
Fosphenytoin sodium : 5 mg/ml Midazolam hydrochloride : 2 mg/ml		1419
Fosphenytoin sodium		3967
Fosphenytoin sodium : 10 mg/ml		4370



## Route of administration





































## References

	Type	Publication
800	Journal	Fischer JH, Cwik MJ, Luer MS, Sibley CB, Deyo KL. Stability of fosphenytoin sodium with intravenous solutions in glass bottles, polyvinyl chloride bags, and polypropylene syringes. Ann Pharmacotherapy 1997 ; 31: 553-559.
1412	Journal	Brett A, Riggs RM, Webster AA, Benner KW. Y-site stability of fosphenytoin and sodium phenobarbital. Int J Pharm Compound 1999 ; 3: 64-66.
1419	Journal	Riggs RM, English BA, Webster AA, McGuire JM, Riordan JM. Fosphenytoin Y-site stability studies with lorazepam and midazolam hydrochloride. Int J Pharm Compound 1999 ; 3: 235-238.
1803	Journal	Trissel, LA, Saenz CA, Ogundele OB, Ingram D, Baker MB. Compatibility of fenoldopam mesylate with other drugs during simulated Y-site administration. Am J Health-Syst Pharm 2003 ; 60: 80-85.
3829	Poster	So W, Kim L, Thabit A.K, Nicolau D.P, Kuti J.L. Compatibility of isavuconazonium sulfate during simulated Y-site administration. ASHP Midyear 2015 2015
3967	Journal	Staven V, Herra I, Wang S, Grönlie I, Tho I. Physical compatibility of total parenteral nutrition and drugs in Y-site administration to children from neonates to adolescents. J Pharm Pharmacol 2017 ;69,7:448-462
4370	Journal	Staven V, Wang S, Gronlie I, Tho I. Physical stability of an all-in one parenteral nutrition admixture for preterm infants upon mixing with micronutrients and drugs EJHP 2018 2018;0:1-7



# Dictionary

 Antiepileptic	 Injection
 Tradename	 Stability in solutions
 Container	 Molecule
 Concentration	 Temperature
 Storage	 Length of time
 Biosimilar	 Conflicting data
 References	 Glass
 NaCl 0,9% or Glucose 5%	 Not specified
 Day	 Protect from light
 Polyvinyl chloride	 Polypropylen Syringe
 None	 Light
 Stability of mixtures	 Solvent
 Compound	 Sodium chloride 0,9%
 Hour	 Incompatibilities
 Parenteral nutrition (with lipids)	 Route of administration
 Intravenous infusion	 Intramuscular
 References	 Dictionary