



SOLUTION BRIEF

Micromedex IV Compatibility

Designed to support safe intravenous medication
administration at the point of care

Micromedex® IV Compatibility is expertly designed to assist healthcare professionals in making quick, accurate decisions at the point of care. This ensures the safe administration of intravenous medications, backed by the trusted and reliable content of Micromedex.



77,000+ compatibility results



Fully referenced content utilizing 5,000+ peer-reviewed articles and other sources



950+ parenteral drugs and solutions, including chemotherapy drugs



Micromedex IV Compatibility mobile app available for online customers



The National Institute for Health and Care Excellence (NICE) has accredited the process used by Micromedex by Merative¹.

Merative **Micromedex**[®] My Subscription | Gateway | Training Center | Help | Mobile Application Access | Logout

Keyword search

Home | Drug Interactions | **IV Compatibility** | Drug ID | Drug Comparison | CareNotes | NeoFax® / Pediatrics | Tox & Drug Product Lookup | RED BOOK | Calculators | Other Tools ▾

Chart View Results
Choose your IV Compatibility Results View - Chart View or toggle to List View if preferred.

IV Compatibility

Add at least one drug and press View Compatibility

Drugs (21)

x

- dexmedetomidine hydrochloride**
- Dexrazoxane
- Dextrose 10%
- Dextrose 20% in water
- Dextrose 5% in Water

Clear All | View Compatibility

NOTE: IV Compatibility for Drug - Drug Compatibility is displayed in drug pairs

Popular Drug Pair Compatibility Searches

- [Magnesium Sulfate - Potassium Chloride](#) →
- [Vancomycin Hydrochloride - Piperacillin Sodium/Tazobactam Sodium \(Zosyn\)](#) →
- [Cefepime Hydrochloride - Vancomycin Hydrochloride](#) →
- [Piperacillin Sodium/Tazobactam Sodium \(Zosyn\) - Potassium Chloride](#) →
- [Cefepime Hydrochloride - metroNIDAZOLE](#) →
- [Azithromycin - ceftRIAXone sodium](#) →
- [Cefepime hydrochloride - Potassium chloride](#) →
- [Heparin sodium - Magnesium sulfate](#) →
- [Calcium gluconate - Magnesium sulfate](#) →
- [Ceftriaxone sodium - Potassium chloride](#) →
- [Meropenem - Vancomycin hydrochloride](#) →
- [Potassium chloride - Vancomycin hydrochloride](#) →

Micromedex Assistant

Feedback

Key Features:

- Enhanced Navigation and Clarity: New chart and list views offer easy navigation. Updated icons and improved clarity enhance user experience.
- Comprehensive Compatibility Information: Access compatibility information for Drug-Drug, Drug-Solution, and Parenteral Nutrition across various delivery methods, including Y-Site, Syringe, and Admixture.
- Informed Decision-Making: Make more informed, timely decisions with content powered by Trissel's™ 2 Clinical Pharmaceutics Database (Parenteral Compatibility) continuously updated by our robust editorial processes.

Drug	dexmedetomidine hydrochloride	DOPamine hydrochloride	Furose
dexmedetomidine hydrochloride		Y-Site 1 Result	Y-Site 2 Results
DOPamine hydrochloride	Y-Site 1 Result		Y-Site 8 Results 6 Results
Furose	Y-Site 2 Results	Y-Site 8 Results 8 Results	
Gentamicin Sulfate	Y-Site 1 Result	Y-Site 4 Results	Y-Site 2 Results 7 Results
Piperacillin Sodium/Tazobactam Sodium	Y-Site 1 Result	Y-Site 1 Result	Y-Site 1 Result

Powered by Trissel's™ 2 Clinical Pharmaceutics Database (Parenteral Compatibility).

Drug	Y-Site
dexmedetomidine hydrochloride - DOPamine hydrochloride	1 Result
dexmedetomidine hydrochloride - Furose	2 Results
dexmedetomidine hydrochloride - Gentamicin Sulfate	1 Result
dexmedetomidine hydrochloride - Piperacillin Sodium/Tazobactam Sodium	1 Result
DOPamine hydrochloride - Furose	8 Results 6 Results

View Detailed IV Monographs for storage and stability data

You can view detailed study information from multiple studies, including:

- Concentration
- Manufacturer
- Compatibility results
- Physical compatibility
- Chemical stability
- Method
- Storage
- Container
- Study period

The screenshot displays the Merative Micromedex interface for IV Compatibility. It features a navigation bar with options like Home, Drug Interactions, IV Compatibility (selected), Drug ID, Drug Comparison, CaseNotes, NeoFax® / Pediatrics, Tox & Drug Product Lookup, and RED. Below the navigation, there are two study entries:

- Study 8:** Status is green (compatible). Drug 1: DOPamine hydrochloride 12.8mg/mL in Dextrose 5% in sodium chloride 0.45% (Abbott Laboratories). Drug 2: Furosemide 5mg/mL in Dextrose 5% in sodium chloride 0.45% (American Regent). Information: Physically compatible. No changes in measured haze or turbidity, particulates, or color were observed. Storage: Ambient room temperature near 23 °C exposed to normal fluorescent light. Test Parameters: Simulated Y-site administration using glass test tubes. Study Period: 4 hours. Method: Visual observation and electronic assessment. Reference: 89121. Notes: Variable compatibility results have been reported for this combination depending on the dopamine hydrochloride formulation.
- Study 9:** Status is red (incompatible). Drug 1: DOPamine hydrochloride 12.8mg/mL in Dextrose 5% in Water (American Regent). Drug 2: Furosemide 5mg/mL in Dextrose 5% in Water (Abbott Laboratories). Information: Physically incompatible. White precipitation appeared immediately upon mixing. Storage: Room temperature exposed to fluorescent light. Test Parameters: Simulated Y-site administration using glass test tubes. Study Period: 3 hours. Method: Visual observation. Reference: 39606. Notes: Variable compatibility results have been reported for this combination depending on the dopamine hydrochloride formulation.

About Merative

Merative provides data, analytics, and software for healthcare and government social services. With focused innovation and deep expertise, Merative works with providers, employers, health plans, governments, and life sciences companies to drive real progress. Merative helps clients orient information and insights around the people they serve to improve decision-making and performance.

Learn more at www.merative.com

Footnote

¹About Our National Institute for Health and Care Excellence (NICE) Accreditation, <http://truvenhealth.com/products/micromedex/quick-reference/trusted-evidence/accreditation>

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