

# Gadodiamide (hydrate)

Catalog No: tcsc2254



## Available Sizes

Size: 1g

Size: 5g



## Specifications

### CAS No:

122795-43-1

### Formula:

$C_{16}H_{28}GdN_5O_9$

### Pathway:

Others

### Target:

Others

### Purity / Grade:

>98%

### Solubility:

DMSO : 16 mg/mL (27.04 mM; Need ultrasonic and warming)

### Observed Molecular Weight:

591.67

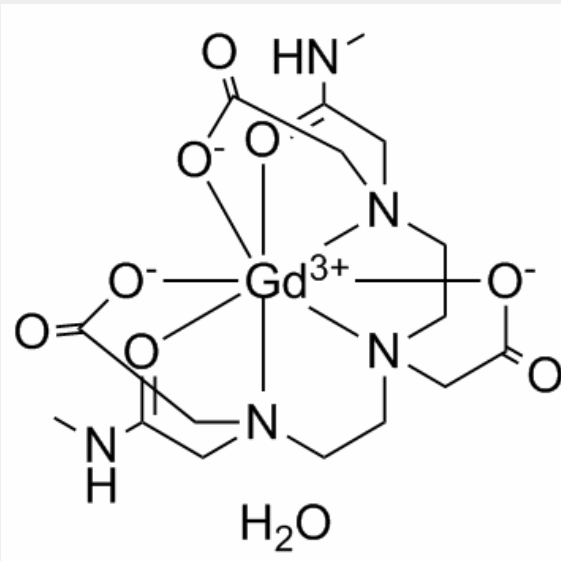
## Product Description

Gadodiamide is a gadolinium-based contrast agent used in MR imaging procedures to assist in the visualization of blood vessels.

Target: Others

Gadodiamide(Omniscan) is a gadolinium-based contrast agent used in MR imaging procedures to assist in the visualization of blood vessels. Gadodiamide is a contrast medium for cranial and spinal magnetic resonance imaging (MRI) and for general MRI of the body

after intravenous administration. The product provides contrast enhancement and facilitates visualisation of abnormal structures or lesions in various parts of the body including the central nervous system (CNS). A recent review takes the question of toxicity caused by loss of gadolinium from the complex. \"The challenge for nephrologists includes (a) evidence of transmetallation, such as gadolinium deposits in bone, increased urinary zinc excretion, iron-transferrin dissociation or 'spurious hypocalcemia' in exposed people\" [1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!