# Data Sheet (Cat.No.T37822)



## AR-C 141990 hydrochloride

#### **Chemical Properties**

CAS No.:

Formula:

Molecular Weight:

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

## **Biological Description**

Description	Monocarboxylate transporter (MCT1) inhibitor (pKi = 7.6. Exhibits approximately 10-fold
	selectivity for MCT1 over MCT2 and no significant activity against MCT3 or 4. Inhibits graft
	versus host response and prolongs cardiac graft survival in a rat model.
	Immunosuppressant. Also inhibits brain penetration of GHB analog HOCPCA.

## **Solubility Information**

Solubility	DMSO: Soluble
	(< 1 mg/ml refers to the product slightly soluble or insoluble)

#### Reference

P?hlman et al (2012) Immunosuppressive properties of a series of novel inhibitors of the monocarboxylate transporter MCT-1. Transpl.Int. 26 22 PMID:23137339

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481

Page 1 of 1 www.targetmol.com