

Product Name : Fasentin

Synonyms : Fasentin

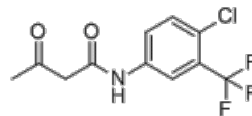
Cat No. : M14350

CAS Number : 392721-37-8

Molecular Formula : C₁₁H₉ClF₃NO₂

Formula Weight : 279.64

Chemical Name : N-[4-Chloro-3-(trifluoromethyl)phenyl]-3-oxobutanamide



Description : Fasentin is a novel inhibitor of glucose uptake (GLUT) that sensitizes cancer cells to FAS-induced cell death, preferentially inhibits GLUT4 (IC₅₀=68 uM) over GLUT1; sensitizes cancer cells to the death ligands FAS and TNF apoptosis-inducing ligand, and induces G1 cell cycle arrest.

Pathway : Membrane Transporter/Ion Channel

Target : GLUT

Receptor : GLUT

Solubility : —

SMILES : CC(=O)CC(=O)NC1=CC=C(Cl)C(C(F)(F)F)=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Wood TE, et al. Mol Cancer Ther. 2008 Nov;7(11):3546-55.| 2. Schimmer AD, et al. Cancer Res. 2006 Feb 15;66(4):2367-75.| 3. Granchi C, et al. Medchemcomm. 2016 Sep 1;7(9):1716-1729.