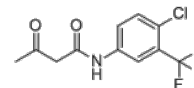


Product Name : Fasentin
Cat. No. : PC-62895
CAS No. : 392721-37-8
Molecular Formula : C₁₁H₉ClF₃NO₂
Molecular Weight : 279.643
Target : Glucose Transporter (GLUT)
Solubility : 10 mM in DMSO



Biological Activity

Fasentin is a novel inhibitor of glucose uptake (**GLUT**) that sensitizes cancer cells to FAS-induced cell death, preferentially inhibits **GLUT4** (IC₅₀=68 μM) over GLUT1.

Fasentin sensitizes cancer cells to the death ligands FAS and TNF apoptosis-inducing ligand, and induces G1 cell cycle arrest.

References

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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