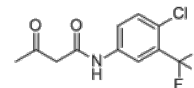


**Product Name** : Fasentin  
**Cat. No.** : PC-62895  
**CAS No.** : 392721-37-8  
**Molecular Formula** : C<sub>11</sub>H<sub>9</sub>ClF<sub>3</sub>NO<sub>2</sub>  
**Molecular Weight** : 279.643  
**Target** : Glucose Transporter (GLUT)  
**Solubility** : 10 mM in DMSO



## Biological Activity

Fasentin is a novel inhibitor of glucose uptake (**GLUT**) that sensitizes cancer cells to FAS-induced cell death, preferentially inhibits **GLUT4** (IC<sub>50</sub>=68 uM) 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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