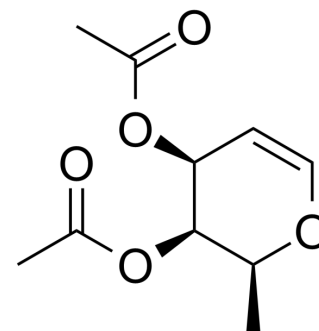


## 3,4-Di-O-acetyl-L-fucal

Cat. No.:	HY-24463		
CAS No.:	54621-94-2		
Molecular Formula:	C <sub>10</sub> H <sub>14</sub> O <sub>5</sub>		
Molecular Weight:	214.22		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 100 mg/mL (466.81 mM)  
 \* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.6681 mL	23.3405 mL	46.6810 mL
	5 mM	0.9336 mL	4.6681 mL	9.3362 mL
	10 mM	0.4668 mL	2.3340 mL	4.6681 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

3,4-Di-O-acetyl-L-fucal is the reactant for synthesis antibiotics (extracted from patent WO1999026956A1)<sup>[1]</sup>.

### REFERENCES

[1]. Nigel Mark Allanson, et al. A combinatorial library of moenomycin analogs and methods of producing same.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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