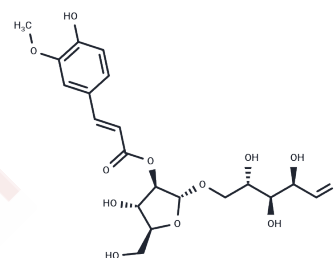


## Feruloyl arabinobiose

### Chemical Properties

CAS No. :	152040-94-3
Formula:	C <sub>20</sub> H <sub>26</sub> O <sub>12</sub>
Molecular Weight:	458.41
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



### Biological Description

Description	Feruloyl arabinobiose is a bioactive chemical extracted from the cell walls of spinach cells.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1815 mL	10.9073 mL	21.8145 mL
5 mM	0.4363 mL	2.1815 mL	4.3629 mL
10 mM	0.2181 mL	1.0907 mL	2.1815 mL
50 mM	0.0436 mL	0.2181 mL	0.4363 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

- Vafiadi C, Topakas E, Alderwick LJ, Besra GS, Christakopoulos P. Chemoenzymatic synthesis of feruloyl D-arabinose as a potential anti-mycobacterial agent. *Biotechnol Lett.* 2007 Nov;29(11):1771-4. Epub 2007 Aug 4. PubMed PMID: 17676274.
- Luonteri E, Kroon PA, Tenkanen M, Teلمان A, Williamson G. Activity of an *Aspergillus terreus* alpha-arabinofuranosidase on phenolic-substituted oligosaccharides. *J Biotechnol.* 1999 Jan 8;67(1):41-8. PubMed PMID: 9987847.
- Ohta T, Nakano T, Egashira Y, Sanada H. Antioxidant activity of ferulic acid beta-glucuronide in the LDL oxidation system. *Biosci Biotechnol Biochem.* 1997 Nov;61(11):1942-3. PubMed PMID: 9404078.
- Ishii T. Feruloyl oligosaccharides from cell walls of suspension-cultured spinach cells and sugar beet pulp. *Plant Cell Physiol.* 1994 Jun;35(4):701-4. PubMed PMID: 8075900.

**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:34 Washington Street,Wellesley Hills,MA 02481