

Product Information

Pentafluorophenyl agent, Xanthan-pentafluorophenyl, Purity $\geq 95\%$

Cat. No.: X25-05-YM2546

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g

Synonym: Pentafluorophenyl-xanthan; Xanthan-pentafluorophenyl

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Pentafluorophenyl-functionalized xanthan, xanthan-pentafluorophenyl (pentafluorophenyl-xanthan), presents electron-deficient pentafluorophenyl groups as reactive handles on xanthan.
Glycan Name	Xanthan
Source	Chemical synthesis
Functional Group	Pentafluorophenyl
Form	Solid or powder
Purity	$\geq 95\%$
Impurities	No visible impurities to the naked eye.
Solubility	This product is soluble in most organic solvents, such as DCM, DMF, DMSO, and THF, and exhibits excellent solubility in water.
Identity	Confirmed by NMR.
Stability	It is stable under its storage temperature.
Quality Level	Research level
Applications	Xanthan-pentafluorophenyl aids in electrophilic aromatic substitution reactions for nucleophile-selective chemistry.
Storage	Store at -20°C , protect from light and moisture.