



>>Entry Name: **Gamma oryzanol**

Synonym(s): γ -Oryzanol. Caclate. Gammajust 50. Gammariza. Maspiron

CAS Registry Number: 11042-64-1

General Statement: Mixt. of ferulic acid esters of sterols and triterpene alcohols. Major components are [JTW19-N](#) and [JGV36-Y](#)

Biological Source: Isol. from rice bran oil

Biological Use/Importance: Antiulcerative agent, antihyperlipidaemic agent. Also used in treatment of menopausal syndrome

References:

Shimizu, M. *et al.*, *Chem. Pharm. Bull.*, 1957, **5**, 36-39; 40-44; 1960, **8**, 5-9; 108-111, (*isol, struct*)

Fujiwara, S. *et al.*, *Chem. Pharm. Bull.*, 1983, **31**, 645-652, (*metab*)

Yoshino, G. *et al.*, *Curr. Ther. Res.*, 1989, **45**, 543, (*rev*)

Sugano, M. *et al.*, *Anticancer Res.*, 1999, **19**, 3651-3657, (*rev*)

Xu, Z. *et al.*, *J. Agric. Food Chem.*, 1999, **47**, 2724-2728, (*hplc, purifn*)