BIOCHEMISTRY

PLANT PHYSIOLOGY

1962

SovietRxiv

Abstract

Full Text

BIOCHEMISTRY

T. N. Kopylova-Sviridova, I. A. Khodosova, S. J. Frenkel, V. I. Vorobiev. A contribution to the problem of the formation of artificial nucleoproteids ···.. 1400

PLANT PHYSIOLOGY

S. M. Vartapetian, Zh. F. Onokhina. Seasonal and 24-hour rhythm of nitrogen metabolism in leaves of willowweed and *Vaccinium myrtillus* under polar conditions ···.. 1404

ZOOLOGY

A. A. Panov. Distribution of neurosecretory cells in the abdominal portion of the neural chain in Orthoptera ···.. 1409

EXPERIMENTAL MORPHOLOGY

G. M. Shakhnazarov, V. A. Mitrofanova. The influence of lyophilized tissues at early stages of embryogenesis in rabbits ···.. 1413

PHYSIOLOGY

Iu. M. Gal' perin. Activity variation in longitudinal and annular musculature of the intestinal wall in response to various processes applied to the motor function of the small intestine ···.. 1417

F. Z. Meerson, A. M. Monaenkov. Anticardiac autoantibodies under conditions of heart hypertrophy ···.. 1421

A. I. Shapovalov. The effect of strychnine on the electric activity of individual neurons of the spinal cord ···.. 1424

Correction

The following errors, through our oversight, crept into our article (**A. Ya. Khorlin, A. F. Bochkov, L. V. Bakinovskii, and N. K. Kochetkov**, "On glucosidation by means of 2-O-trichloroacetyl-3,4,6-tetraacetyl-β-D-glucopyranosyl chloride"), published in *DAN*, vol. 143, no. 5, 1962:

Location	Printed	Should read
Table 1, line 1	$C_6H_5CH_3$, 140°, 10 hr.^{3}	$C_6H_5CH_3$, 140°, 10 hr.^{2}
Table 1, line 2	$C_6H_5CH_3$, 140°, 6 hr.^{3}	$C_6H_5CH_3$, 140°, 6 hr.^{2}
Table 1, line 3	4.3% α+β	4.3% (α+β)
Table 1, line 4	10.8% α+β	10.8% (α+β)
Table 1, line 5	13.7% α+β	13.7% (α+β)

Location	Printed	Should read
Table 1, line 6	CH_3NO_3 ···25% α+β	CH_3NO_2 ···25% (α+β)
p. 1120, line 11 from bottom	···R_f 0.66 and 0.14	R_g 0.66 and 0.14
p. 1122, line 27	Found %: C 36.09; 36.13	Found %: C 35.19; 35.31
Caption to Fig. 1	Thin-layer chromatography (Al_2O_3)	Thin-layer chromatography (Al_2O_3), system $CHCl_3$-$CH_3COC_2H_5$ (98.5–1.5)

The title of the article should read: "On glucosidation by means of 2-O-trichloroacetyl-3,4,6-tri-O-acetyl-β-D-glucopyranosyl chloride," and, correspondingly, in the English translation: "Glucosidation by means of 2-O-trichloroacetyl-3,4,6-tri-O-acetyl-β-D-glucopyranosyl chloride."

A. Ya. Khorlin,
A. F. Bochkov,
L. V. Bakinovskii,
N. K. Kochetkov

T-09962. Signed for printing 25/VII–1962. Print run 5545 copies. Order 864. Paper format 70$×108^{1}/_{16}$. Printed sheets 21.92 + 2 inserts. Paper sheets 8. Publisher' s sheets 23.6.
2nd printing house of the Publishing House of the Academy of Sciences of the USSR, Moscow, Shubinskii Lane, 10.

Note: Figure translations are in progress. See original paper for figures.