

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	12045
<b>Product</b>	<b>L-Glutamic acid <math>\gamma</math>-methyl <math>\alpha</math>-benzyl ester 4-toluenesulfonate salt</b> L-Glu(OMe)-OBzl•TosOH
<b>CAS Number</b>	32326-55-9
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>24</sub> NO <sub>7</sub> S
<b>Molecular Weight</b>	422.48
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<b>Appearance</b>	Off-white solid
<b>Melting Point</b>	130-137 °C
<b>Optical Rotation</b>	$[\alpha]_D^{25} = + 8 \pm 2^\circ$ (C=1 in MeOH)
<b>Loss on Drying</b>	1%
<b>Related Substances</b>	$\leq 1\%$
<b>Assay (anhydrous basis)</b>	$\geq 99\%$
<b>Storage</b>	Store at 0-8°C

**For Laboratory Use Only**