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# RADIOCHEMISTRY

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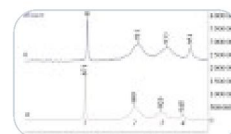
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### Yttrium-90: Application in Nuclear Medicine and Production in Radionuclide Generators



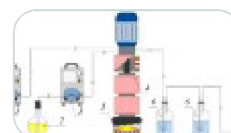
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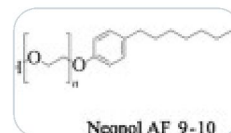
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### A New Method for Studying the Extraction Kinetics with Monitoring of the Organic Phase Properties by Attenuated Total Reflection IR Spectroscopy

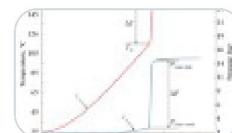


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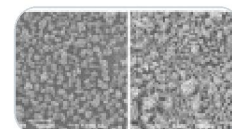


## Justification of Explosion Safety Conditions in Evaporation of Nitric Acid Solutions Containing Various Reductants



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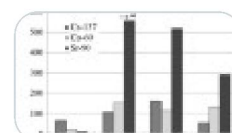
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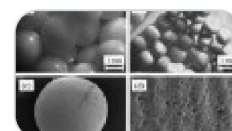
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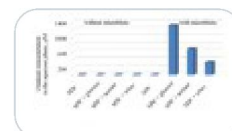
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## Radiosynthesis and Preclinical Evaluation of [<sup>89</sup>Zr]Zr-3,4,3-LI(1,2-HOPO)-Durvalumab for Immuno-PET

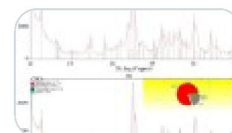


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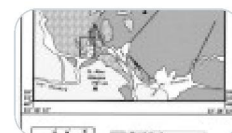
**Sorbents Based on Clinoptilolite and Bentonite for the Immobilization of  $^{137}\text{Cs}$ ,  $^{90}\text{Sr}$ , Uranium, and  $^{241}\text{Am}$  at Radioactive Waste Repositories**



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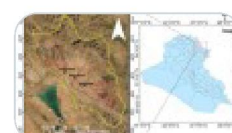
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**Estimation of the Contribution of Chernobyl  $^{137}\text{Cs}$  to the Caspian Sea Pollution by  $^{137}\text{Cs}$  from Global Fallout**

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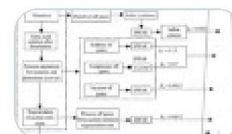
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