

Product Data Sheet

Product Name: EC0652
Cat. No.: GC79424

Chemical Properties

Cas. No. 1025066-50-5

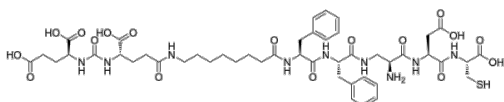
Formula $C_{47}H_{65}N_9O_{17}S$ M.Wt 1060.13

Solubility DMSO: 100 mg/mL (94.33 mM; Need ultrasonic) Storage Sealed storage, away from moisture

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

EC0652 is a PSMA imaging agent with SPECT imaging capability. EC0652 can be used for the research of metastatic castration-resistant prostate cancer [1].

Caution: Product has not been fully validated for medical applications. For research use only.

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In Vitro, EC0652 demonstrates increased sensitivity for detecting bone lesions in metastatic castration-resistant prostate cancer compared with standard CT/bone scans^[1].

References:

[1]. Zaidi S, et al. Correlative Biomarker Analysis of PSMA Expression on CTCs and PSMA Imaging in a Phase I Study of PSMA Targeted Tubulysin Conjugate EC1169. Clin Cancer Res. Published online January 27, 2026.

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