

Data Sheet

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| Product Name: | Carcinoembryonic Antigen (CEA) |
| Cat. No.: | CS-7026 |
| CAS No.: | 168635-85-6 |
| Molecular Formula: | C43H68N10O15 |
| Molecular Weight: | 965.08 |
| Target: | Others |
| Pathway: | Others |
| Solubility: | H2O |

YLSGANLNL

BIOLOGICAL ACTIVITY:

Carcinoembryonic Antigen (CEA) is a tumor marker in lung cancer. **In Vitro:** Carcinoembryonic Antigen (CEA) as tumor marker in lung cancer. The use of CEA as a prognostic and predictive marker. CEA is a glycoprotein involved in cell adhesion, and is normally produced during fetal development but the production stops before birth. CEA is a glycosyl phosphatidyl inositol (GPI)-cell surface anchored glycoprotein whose specialized sialofucosylated glycoforms serve as functional colon carcinoma L-selectin and E-selectin ligands, which may be critical to the metastatic dissemination of colon carcinoma cells^[1].

References:

[1]. Grunnet M, et al. Carcinoembryonic antigen (CEA) as tumor marker in lung cancer. Lung Cancer. 2012 May;76(2):138-43.

CAIndexNames:

L-Leucine, L-tyrosyl-L-leucyl-L-serylglycyl-L-alanyl-L-asparaginyll-L-leucyl-L-asparaginyll-

SMILES:

[YLSGANLNL]

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

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