



EJA

CANAL SEDUC-PI5



PROFESSOR (A):

**JURANDIR
SOARES**



DISCIPLINA:

QUÍMICA



AULA Nº:

07



CONTEÚDO:

**FUNÇÕES ORGÂNICAS
NITROGENADAS**

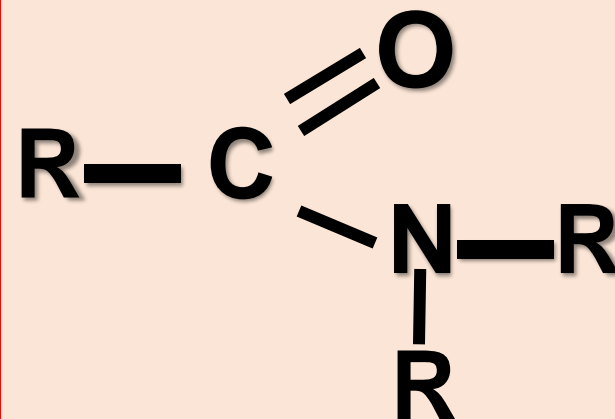
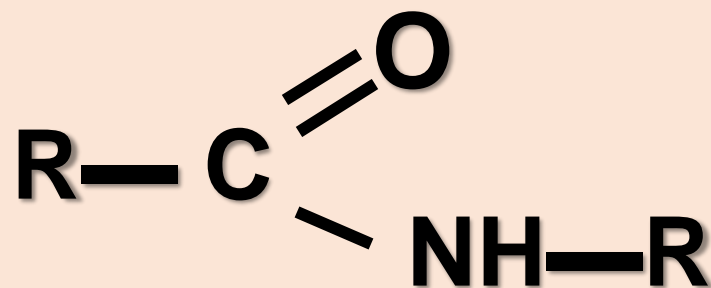
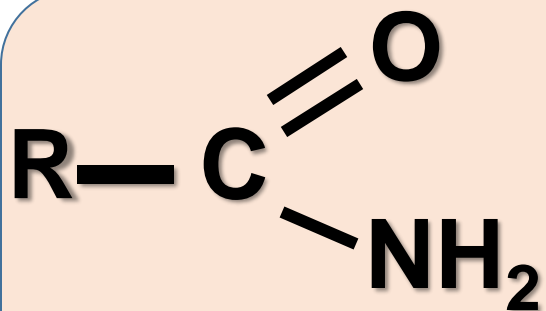


DATA:

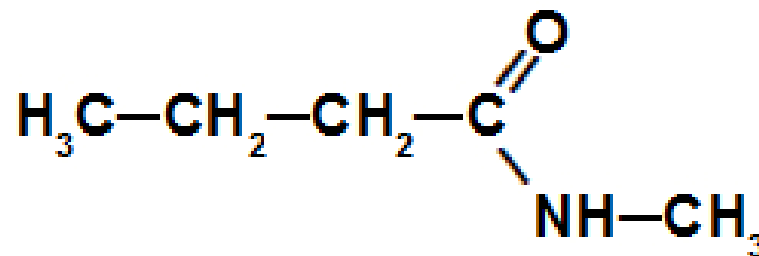
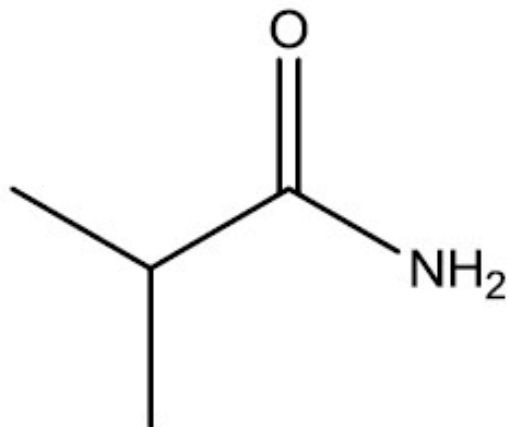
02/06/2020

AMIDAS

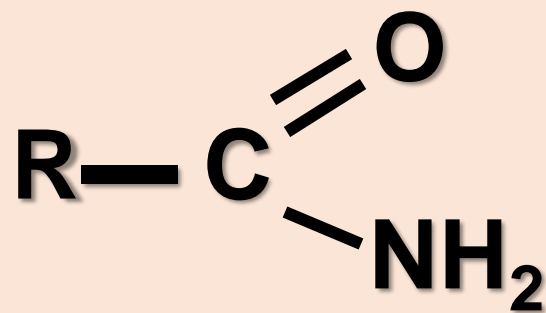
São compostos que possuem o grupo funcional



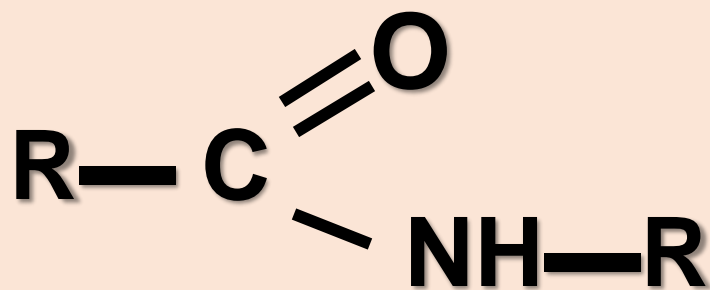
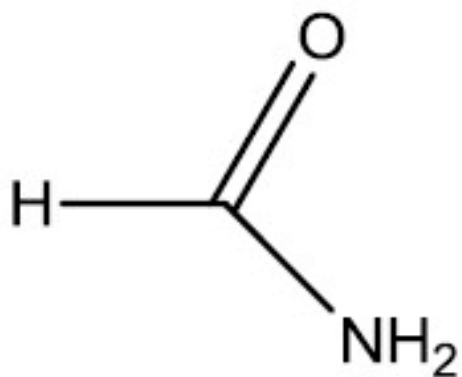
Exemplos:



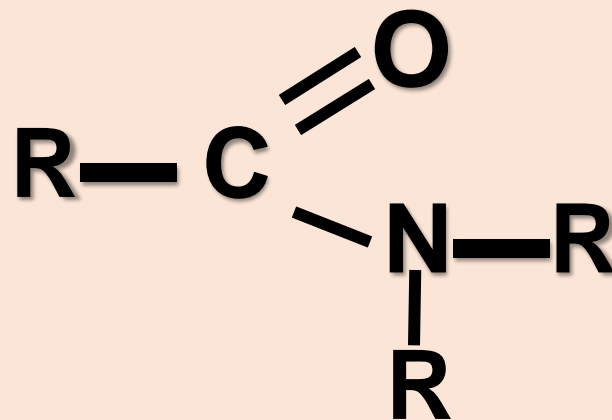
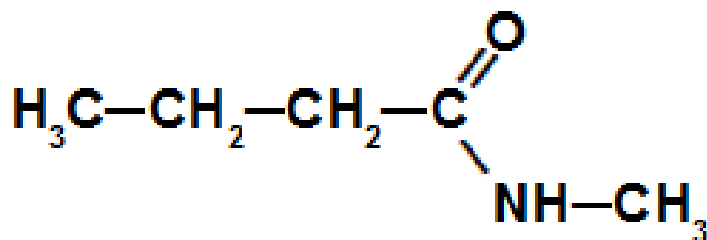
CLASSIFICAÇÃO DAS AMIDAS



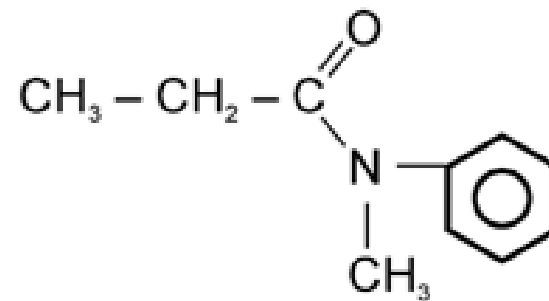
Amida simples



Amida monosubstituída

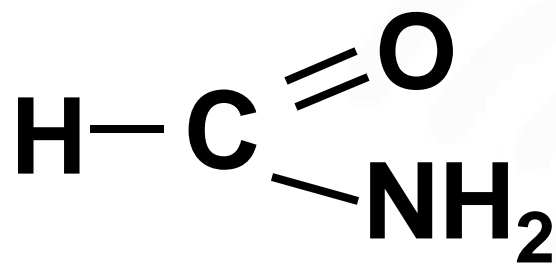


Amida disubstituída



NOMENCLATURA OFICIAL

PREFIXO + INFIXO + AMIDA

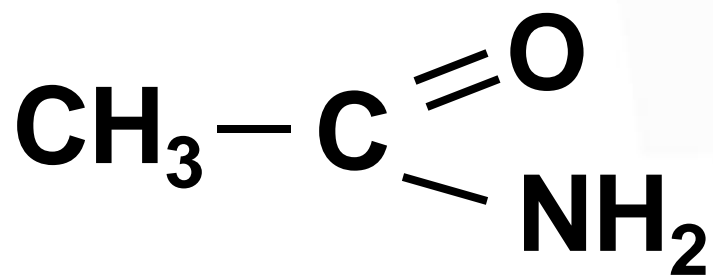


OFICIAL

METANAMIDA

USUAL

FORMIAMIDA

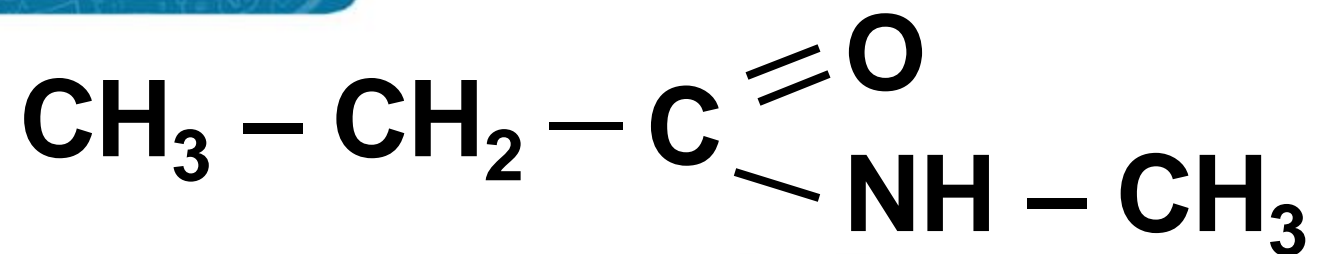


OFICIAL

ETANAMIDA

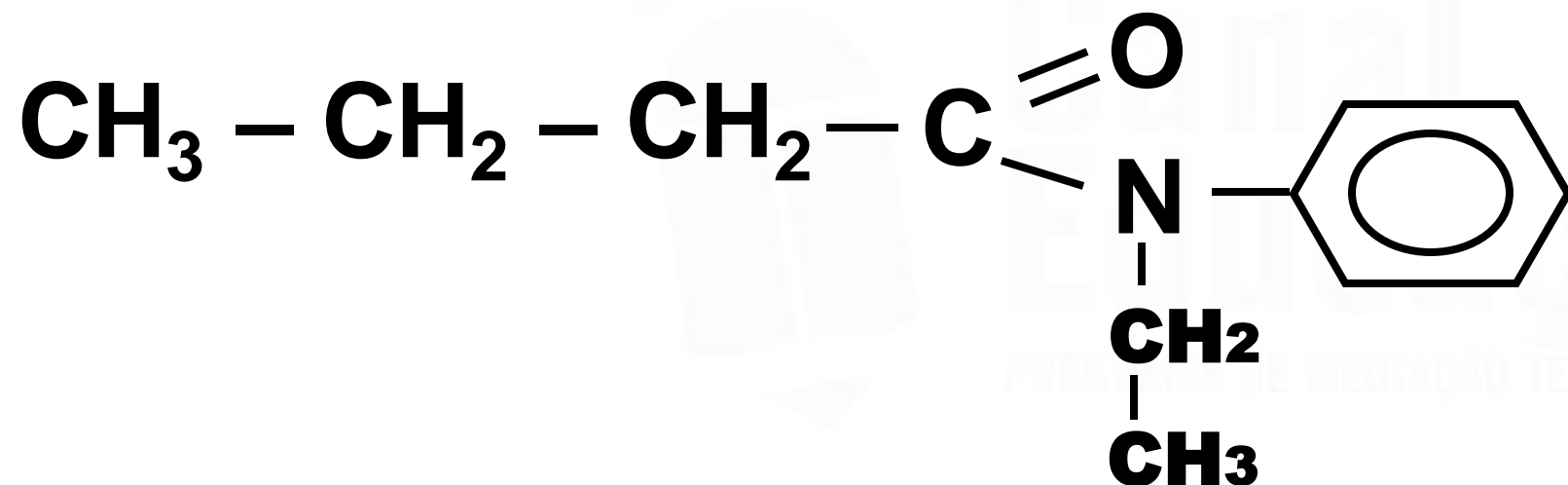
USUAL

ACETAMIDA



OFICIAL **N-METILPROPANAMIDA**

USUAL **N-METILPROPIAMIDA**

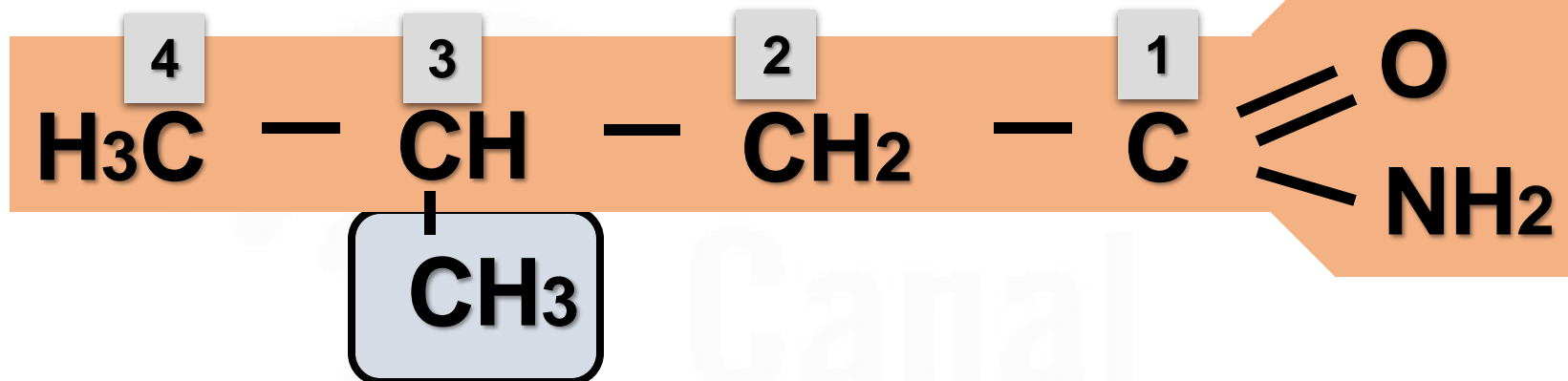


N-ETIL-N-FENILBUTANAMIDA

USUAL **N-ETIL-N-FENILBUTIRAMIDA**

EXERCÍCIO DE CLASSE

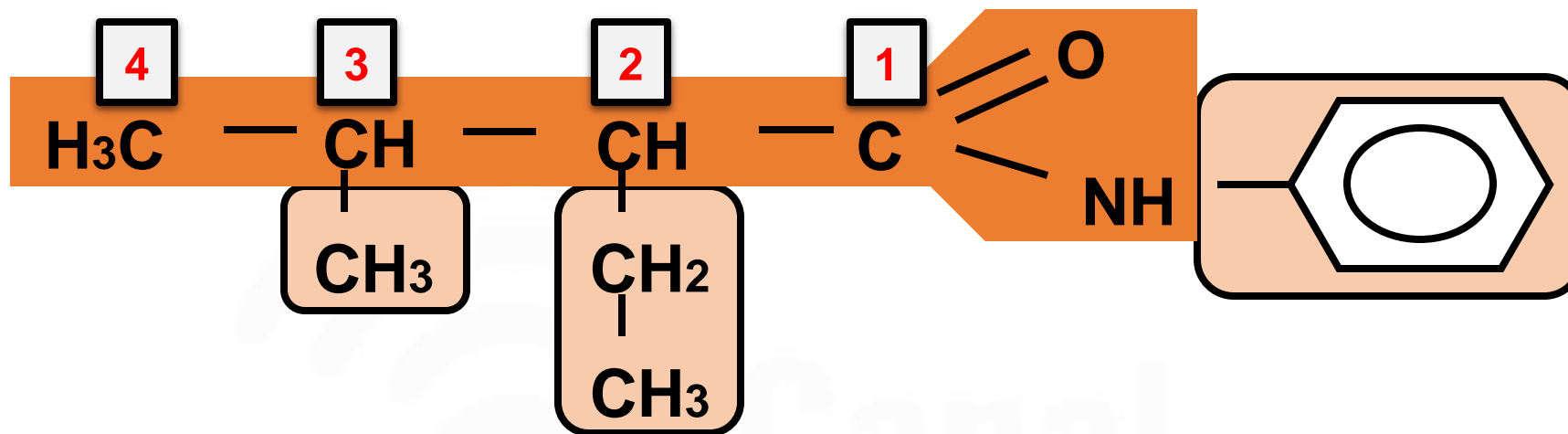
01. Qual o nome da substância de fórmula representada abaixo?



3 – metil -butanoamida

- a) 2 – metil – propil amina
- b) 2 – metil – propil amida
- c) pentanoamina
- d) pentanoamida
- e) 3 – metil butanoamida

02. O composto cuja fórmula é citada abaixo se chama:



2 – etil – N – fenil – 3 – metil butanoamida

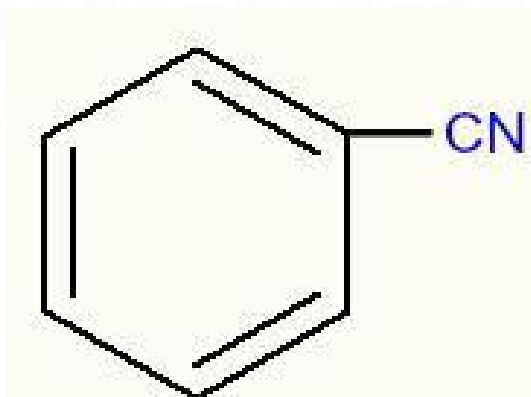
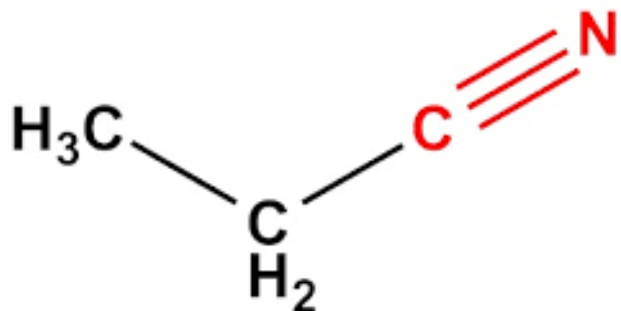
- a) 2 – etil – 3 – metil butanoamidamida.
- b) 2 – etil - 3, 3 – dimetil butanoamida.
- c) 2 – etil – 1 – fenil – 3 – metil butanoamida.
- d) N – fenil – 2 – isopropil butanoamida.
- e) 2 – etil – N – fenil – 3 – metil butanoamida.

NITRILAS OU CIANETOS

São compostos que apresentam o grupo funcional, denominado: **CIANETO**.



Exemplos:



NOMENCLATURA OFICIAL

PREFIXO + INFIXO + NITRILA

