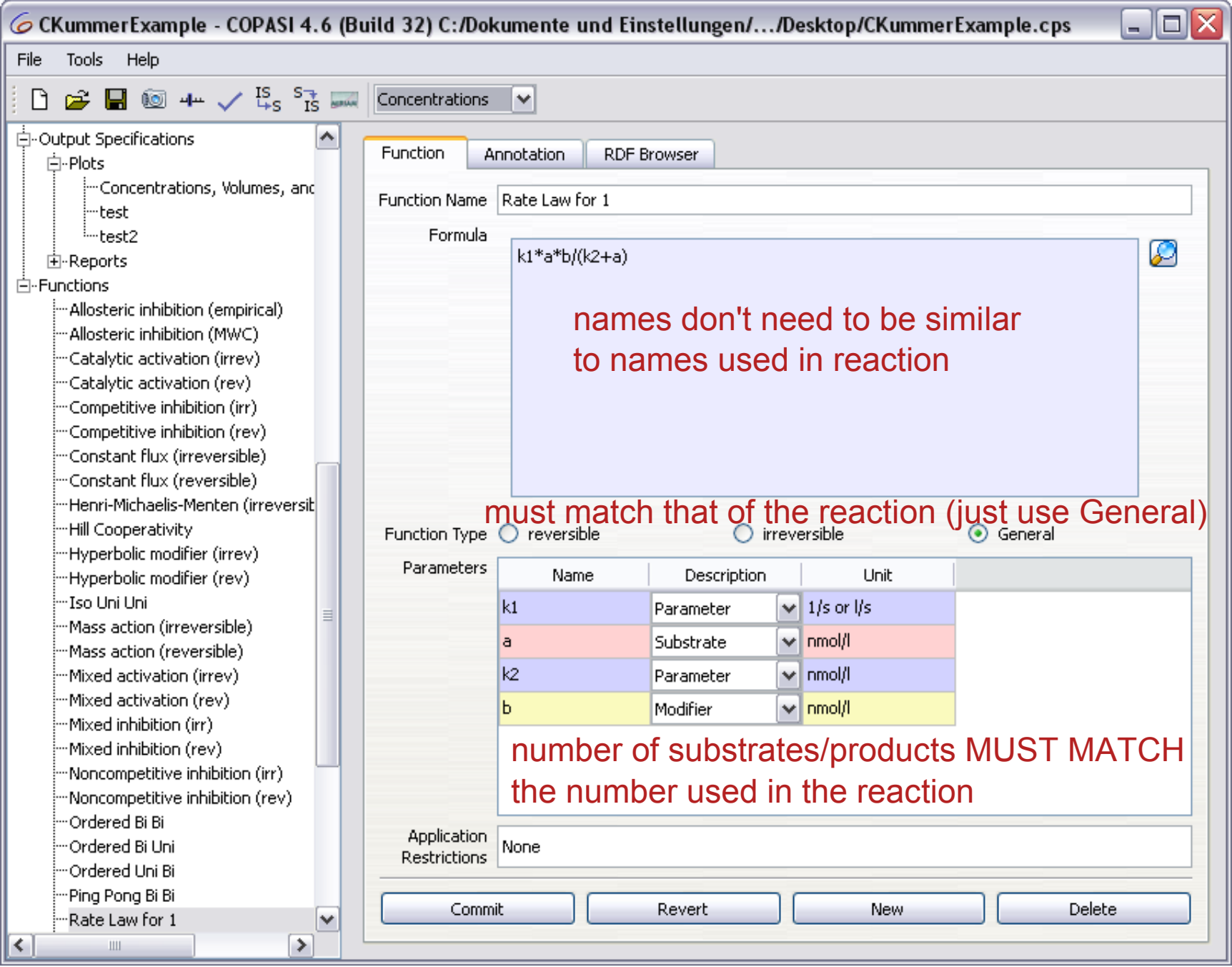
CKummerExample - COPASI 4.6 (Build 32) C:/Dokumente und Einstellungen/.../Desktop/CKummerExample.cps
File
Tools
Help
Concentrations
Output Specifications
Plots
Concentrations, Volumes, and
test
test2
Reports
Functions
Allosteric inhibition (empirical)
Allosteric inhibition (MWC)
Catalytic activation (irrev)
Catalytic activation (rev)
Competitive inhibition (irr)
Competitive inhibition (rev)
Constant flux (irreversible)
Constant flux (reversible)
Henri-Michaelis-Menten (irreversit
Hill Cooperativity
Hyperbolic modifier (irrev)
Hyperbolic modifier (rev)
Iso Uni Uni
Mass action (irreversible)
Mass action (reversible)
Mixed activation (irrev)
Mixed activation (rev)
Mixed inhibition (irr)
Mixed inhibition (rev)
Noncompetitive inhibition (irr)
Noncompetitive inhibition (rev)
Ordered Bi Bi
Ordered Bi Uni
Ordered Uni Bi
Ping Pong Bi Bi
Rate Law for 1
Function
Annotation
RDF Browser
Function Name
Rate Law for 1
Formula
k1*a*b/(k2+a)
names don't need to be similar
to names used in reaction
must match that of the reaction (just use General)
Function Type
reversible
irreversible
General
Parameters
Name
Description
Unit
k1
Parameter
1/s or l/s
a
Substrate
nmol/l
k2
Parameter
nmol/l
b
Modifier
nmol/l
number of substrates/products MUST MATCH
the number used in the reaction
Application Restrictions
None
Commit
Revert
New
Delete