

Unclassified

metabolite interconversion

metabolite
interconversion
enzyme

Enzyme Class	Percentage
hydrolase	~85%
isomerase	~15%

lyase	ligase
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cytoskeletal protein

actin or actin-binding
cytoskeletal protein

microtubule or
microtubule-binding
cytoskeletal protein

transporter

primary active
transporter

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A treemap visualization showing the hierarchical distribution of protein-binding activity modulators. The root category is 'protein-binding activity modulator' (purple), which accounts for 100% of the total. It branches into three main categories: 'G-protein modulator' (blue, 40%), 'protease inhibitor' (green, 30%), and 'protein-binding activity modulator' (pink, 30%). The 'G-protein modulator' category further branches into 'G-protein' (20%) and 'G-protein modulator' (20%). The 'protease inhibitor' category branches into 'protease inhibitor' (15%) and 'protease inhibitor' (15%). The 'protein-binding activity modulator' category branches into 'protein-binding activity modulator' (15%) and 'protein-binding activity modulator' (15%).

Category	Percentage
protein-binding activity modulator	100%
G-protein modulator	40%
protease inhibitor	30%
protein-binding activity modulator	30%
G-protein	20%
G-protein modulator	20%
protease inhibitor	15%
protease inhibitor	15%
protein-binding activity modulator	15%
protein-binding activity modulator	15%

toskeletal
protein

intermediate
filament

secondary carrier transporter

n channel

<p>ulator</p> <p>protein-binding activity modulator</p>	
<p>G-protein modulator</p>	
<p>protease inhibitor</p>	

membrane traffic protein

membrane trafficking
regulatory protein

membrane traffic protein	SNARE protein
	vesicle coat protein

scaffold/adaptor protein

cell adhesion	
integrin	
cadherin	

cell
adhesion
molecule

in	chaperone
	cha

<p>king stein</p>	
<p>SNARE</p>	<p>chaperonin</p>

protein	
vesicle coat protein	Hsp90 family chaperone

translational
translation
factor

protein

aminoacyl-tRNA synthetase

ribosomal
protein

translational
protein

defense/immunity		
protein	major	
histocompatibility		
complex protein		
complement		
component		

protein major histocompatibility complex protein complement component

chromatin/chromatin-binding,
or -regulatory protein

	protein modifying enzyme
	protein modifying enzyme

berone	
in	protease

family	non-receptor serine/threonine protein kinase
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transmembrane
signal receptor

transmembrane
signal receptor

transmembrane
signal receptor

G-protein coupled
receptor

calcium-binding protein

protein	
calcium-binding protein	

DNA
metabolism
protein

<p>ing enzyme</p> <p>protein</p> <p>divifying enzyme</p>	
<p>rotease</p> <p>receptor</p> <p>nreonine</p> <p>n kinase</p>	<p>protein</p> <p>phosphatase</p> <p>non-receptor</p> <p>tyrosine</p> <p>protein kinase</p>
<p>RNA</p> <p>metabolism</p> <p>protein</p>	

RNA
helicase

RNA methyltransferase

transfer/carrier protein	ext m pr
transfer/carrier protein	ext
transfer/carrier protein	ext

transfer/carrier protein

ene-specific
transcriptional
regulator
NA-binding
transcription
factor